

ENERGY STAR Uninterruptible Power Supplies Product List

List Posted on February 15, 2013

Below are currently qualified ENERGY STAR models available for sale in the U.S. and Canada

Note: For Modular UPSs, the minimum and maximum configurations are tested. All intermediate configuration models qualifying for ENERGY STAR are listed in the Additional Model Information column. Non-Modular UPSs (single configuration) data are reported in the Minimum Configuration fields.

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model Information	Product Type	Power Conversion Mechanism	Minimum Configuration Tested Model Number	Active Output Power Rating Minimum Configuration (W)	Apparent Output Power Rating Minimum Configuration (VA)	Maximum Configuration Tested Model Number	Active Output Power Rating Maximum Configuration (W)	Apparent Output Power Rating Maximum Configuration (VA)	Topology (ac)	Application	Rated Input Voltage (V rms)	Rated Input Frequency (Hz)	Rated Output Voltage (V)	Rated Output Frequency (Hz)	Rack Mountable	Rack Mount Height (U)	Height (mm)	Width (mm)	Depth (mm)	Total Number of Outlets	Number of Battery Backup and Surge Protected Outlets	Number of Surge Protected Only Outlets	Normal Mode(s) Dependency Characteristic (ac)	Default Normal Mode (ac)	Test Input Voltage (V rms)	Test Input Frequency (Hz)	Test Output Voltage (V)	Test Output Frequency (Hz)	Total Input Power in W at 2% Load Min Config Lowest Dependency (ac)	Total Input Power in W at 9% Load Min Config Highest Dependency (ac)	Efficiency at 25% Load Min Config Lowest Dependency (ac)	Efficiency at 25% Load Min Config Highest Dependency (ac)	Efficiency at 50% Load Min Config Lowest Dependency (ac)	Efficiency at 50% Load Min Config Highest Dependency (ac)	Efficiency at 75% Load Min Config Lowest Dependency (ac)	Efficiency at 75% Load Min Config Highest Dependency (ac)
CyberPower Systems, Inc.	CyberPower	CP1000AVRLC D	CP1000AVRLC D		Ac-output UPS	Static	CP1000AVRLC D	600	1,000				Line Interactive	Consumer	90-140	57-63	114-128	60-61	No		225	110	260	9	5		Voltage 4 Independent	Voltage Independent	120	60	120	60	2.94		0.98		0.99		0.99	
CyberPower Systems, Inc.	CyberPower	CP1000PFCLCD	CP1000PFCLCD		Ac-output UPS	Static	CP1000PFCLCD	600	1,000				Line Interactive	Consumer	90-140	57-63	102-138	57-63	No		231	99	264	10	5		Voltage 5 Independent	Voltage Independent	120	60	120	60	6.0		0.97		0.98		0.98	
CyberPower Systems, Inc.	CyberPower	CP1200AVR, CP1200D	CP1200AVR, CP1200D		Ac-output UPS	Static	CP1200AVR	720	1,200				Line Interactive	Consumer	90-140	57-63	101-139	57-63	No		248	102	337	8	4		Voltage 4 Independent	Voltage Independent	120	60	120	60	5.6		0.97		0.98		0.99	
CyberPower Systems, Inc.	CyberPower	CP1350AVRLC D	CP1350AVRLC D		Ac-output UPS	Static	CP1350AVRLC D	810	1,350				Line Interactive	Consumer	90-140	57-63	105-145	57-63	No		248	102	337	8	4		Voltage 4 Independent	Voltage Independent	125	60	125	60	4.0		0.98		0.99		0.98	
CyberPower Systems, Inc.	CyberPower	CP1350PFCLCD	CP1350PFCLCD		Ac-output UPS	Static	CP1350PFCLCD	810	1,350				Line Interactive	Consumer	90-140	57-63	102-138	57-63	No		264	99	361	10	5		Voltage 5 Independent	Voltage Independent	120	60	120	60	6.0		0.98		0.99		0.99	
CyberPower Systems, Inc.	CyberPower	CP1500AVRLC D, CP1500C	CP1500AVRLC D, CP1500C		Ac-output UPS	Static	CP1500AVRLC D	900	1,500				Line Interactive	Consumer	90-140	57-63	105-145	57-63	No		248	102	337	8	4		Voltage 4 Independent	Voltage Independent	125	60	125	60	4.8		0.97		0.98		0.98	
CyberPower Systems, Inc.	CyberPower	CP1500AVRT, CP1500AVR, CP1500D	CP1500AVRT, CP1500AVR, CP1500D		Ac-output UPS	Static	CP1500AVRT	900	1,500				Line Interactive	Consumer	90-140	57-63	105-145	57-63	No		248	102	337	8	4		Voltage 4 Independent	Voltage Independent	125	60	125	60	4.4		0.98		0.98		0.98	
CyberPower Systems, Inc.	CyberPower	CP1500PFCLCD CP425G, CP425Ga, CP425SLG, CP425HG, CP425HGa	CP1500PFCLCD CP425G, CP425Ga, CP425SLG, CP425HG, CP425HGa		Ac-output UPS	Static	CP1500PFCLCD	900	1,500				Line Interactive	Consumer	90-140	57-63	102-138	57-63	No		264	99	361	10	5		Voltage 5 Independent	Voltage Independent	120	60	120	60	6.0		0.98		0.99		0.99	
CyberPower Systems, Inc.	CyberPower	CP425HG, CP425HGa	CP425HG, CP425HGa		Ac-output UPS	Static	CP425HG	255	425				Line Interactive	Consumer	96-140	47-63	100-140	47-63	No		83	159	248	8	4		Voltage and Frequency 4 Dependent	Voltage and Frequency Dependent	120	60	120	60	5.2		0.93		0.97		0.98	
CyberPower Systems, Inc.	CyberPower	CP500HG, CP500HGa	CP500HG, CP500HGa		Ac-output UPS	Static	CP500HG	300	500				Line Interactive	Consumer	96-140	47-63	100-140	47-63	No		83	159	248	8	4		Voltage and Frequency 4 Dependent	Voltage and Frequency Dependent	120	60	120	60	5.2		0.95		0.97		0.98	
CyberPower Systems, Inc.	CyberPower	CP550AVR	CP550AVR		Ac-output UPS	Static	CP550AVR	300	550				Line Interactive	Consumer	90-140	57-63	101-139	57-63	No		89	165	279	8	4		Voltage 4 Independent	Voltage Independent	120	60	120	60	4.8		0.94		0.98		0.99	
CyberPower Systems, Inc.	CyberPower	CP550SLG, CP550HG, CP550HGa	CP550SLG, CP550HG, CP550HGa		Ac-output UPS	Static	CP550HG	330	550				Line Interactive	Consumer	96-140	47-63	100-140	47-63	No		83	159	248	8	4		Voltage and Frequency 4 Dependent	Voltage and Frequency Dependent	120	60	120	60	4.4		0.95		0.98		0.98	
CyberPower Systems, Inc.	CyberPower	CP600LCD	CP600LCD		Ac-output UPS	Static	CP600LCD	340	600				Line Interactive	Consumer	100-140	57-63	100-140	57-63	No		83	165	278	8	4		Voltage and Frequency 4 Dependent	Voltage and Frequency Dependent	120	60	120	60	2.8		0.96		0.98		0.98	
CyberPower Systems, Inc.	CyberPower	CP625HG, CP625HGa	CP625HG, CP625HGa		Ac-output UPS	Static	CP625HG	375	625				Line Interactive	Consumer	96-140	47-63	100-140	47-63	No		83	159	248	8	4		Voltage and Frequency 4 Dependent	Voltage and Frequency Dependent	120	60	120	60	4.4		0.96		0.98		0.98	
CyberPower Systems, Inc.	CyberPower	CP685AVR-G, CP685AVR, CP685AVRLCD, CP685AVRLCD-G	CP685AVR-G, CP685AVR, CP685AVRLCD, CP685AVRLCD-G		Ac-output UPS	Static	CP685AVR-G	390	685				Line Interactive	Consumer	90-140	57-63	101-139	57-63	No		89	165	279	8	4		Voltage 4 Independent	Voltage Independent	120	60	120	60	2.4		0.98		0.98		0.99	
CyberPower Systems, Inc.	CyberPower	CP700AVR	CP700AVR		Ac-output UPS	Static	CP700AVR	390	700				Line Interactive	Consumer	90-140	57-63	101-139	57-63	No		89	165	279	8	4		Voltage 4 Independent	Voltage Independent	120	60	120	60	2.4		0.97		0.99		0.99	
CyberPower Systems, Inc.	CyberPower	CP750LCD, CP750CDM	CP750LCD, CP750CDM		Ac-output UPS	Static	CP750LCD	420	750				Line Interactive	Consumer	96-140	47-63	100-140	47-63	No		83	165	278	8	4		Voltage and Frequency 4 Dependent	Voltage and Frequency Dependent	120	60	120	60	5.2		0.97		0.98		0.97	
CyberPower Systems, Inc.	CyberPower	CP825AVR-G, CP825AVR, CP825AVRLCD, CP825AVRLCD-G	CP825AVR-G, CP825AVR, CP825AVRLCD, CP825AVRLCD-G		Ac-output UPS	Static	CP825AVRLCD	450	825				Line Interactive	Consumer	90-140	57-63	101-139	57-63	No		89	165	279	8	4		Voltage 4 Independent	Voltage Independent	120	60	120	60	2.8		0.98		0.98		0.99	
CyberPower Systems, Inc.	CyberPower	CP825LCD	CP825LCD		Ac-output UPS	Static	CP825LCD	450	825				Line Interactive	Consumer	100-140	57-63	100-140	57-63	No		83	165	278	8	4		Voltage and Frequency 4 Dependent	Voltage and Frequency Dependent	120	60	120	60	2.8		0.98		0.98		0.99	
CyberPower Systems, Inc.	CyberPower	CP850AVRLCD	CP850AVRLCD		Ac-output UPS	Static	CP850AVRLCD	510	850				Line Interactive	Consumer	90-140	57-63	101-139	57-63	No		222	108	267	9	5		Voltage 4 Independent	Voltage Independent	120	60	120	60	4.0		0.97		0.98		0.98	
CyberPower Systems, Inc.	CyberPower	CP850PFCLCD	CP850PFCLCD		Ac-output UPS	Static	CP850PFCLCD	510	850				Line Interactive	Consumer	90-140	57-63	102-138	57-63	No		231	99	264	10	5		Voltage 5 Independent	Voltage Independent	120	60	120	60	5.2		0.97		0.98		0.99	
CyberPower Systems, Inc.	CyberPower	CP900AVR, CP900D	CP900AVR, CP900D		Ac-output UPS	Static	CP900AVR	560	900				Line Interactive	Consumer	90-140	57-63	101-139	57-63	No		248	102	337	8	4		Voltage 4 Independent	Voltage Independent	120	60	120	60	4.0		0.97		0.98		0.98	
CyberPower Systems, Inc.	CyberPower	OL1000RTXL2U	OL1000RTXL2U		Ac-output UPS	Static	OL1000RTXL2U	900	1,000				Multi-Mode Double Conversion	Data Center	100-120	40-70	98-127	50-60	Yes	2	88	433	430	8	8		Voltage and Frequency 0 Independent	Voltage and Frequency Independent	125	60	125	60	35.2		0.83		0.88		0.9	
CyberPower Systems, Inc.	CyberPower	OL10KERT3UD PM	OL10KERT3UD PM		Ac-output UPS	Static	OL10KERT3UD PM	9,000	10,000				Multi-Mode Double Conversion	Data Center	200-240	40-70	118-242	50-60	Yes	10	132	433	660	4	4		Voltage and Frequency 4 Independent	Voltage and Frequency Independent	240	60	240	60	208.0		0.88		0.9		0.91	
CyberPower Systems, Inc.	CyberPower	OL10KERT3UP M	OL10KERT3UP M		Ac-output UPS	Static	OL10KERT3UP M	9,000	10,000				Multi-Mode Double Conversion	Data Center	200-240	40-70	118-242	50-60	Yes	10	132	433	660	4	4		Voltage and Frequency 4 Independent	Voltage and Frequency Independent	240	60	240	60	208.0		0.88		0.9		0.91	
CyberPower Systems, Inc.	CyberPower	OL10KRT3UPM	OL10KRT3UPM		Ac-output UPS	Static	OL10KRT3UPM	9,000	10,000				Multi-Mode Double Conversion	Data Center	200-240	40-70	118-242	50-60	Yes	10	132	433	660	4	4		Voltage and Frequency 4 Independent	Voltage and Frequency Independent	240	60	240	60	208.0		0.88		0.9		0.91	
CyberPower Systems, Inc.	CyberPower	OL1500RTXL2U	OL1500RTXL2U		Ac-output UPS	Static	OL1500RTXL2U	1,350	1,500				Multi-Mode Double Conversion	Data Center	100-120	40-70	98-127	50-60	Yes	2	88	433	430	8	8		Voltage and Frequency 0 Independent	Voltage and Frequency Independent	125	60	125	60	32.0		0.86		0.89		0.9	
CyberPower Systems, Inc.	CyberPower	OL6KERT3UDP M	OL6KERT3UDP M		Ac-output UPS	Static	OL6KERT3UDP M	5,400	6,000				Multi-Mode Double Conversion	Data Center	200-240	40-70	118-242	50-60	Yes	6	132	433	660	4	4		Voltage and Frequency 4 Independent	Voltage and Frequency Independent	240	60	240	60	144.0		0.87		0.9		0.9	
CyberPower Systems, Inc.	CyberPower	OL6KERT3UPM	OL6KERT3UPM		Ac-output UPS	Static	OL6KERT3UPM	5,400	6,000				Multi-Mode Double Conversion	Data Center	200-240	40-70	118-242	50-60	Yes	6	132	433	660	4	4		Voltage and Frequency 4 Independent	Voltage and Frequency Independent	240	60	240	60	144.0		0.87		0.9		0.9	
CyberPower Systems, Inc.	CyberPower	OL6KRT3UPM	OL6KRT3UPM		Ac-output UPS	Static	OL6KRT3UPM	5,400	6,000				Multi-Mode Double Conversion	Data Center	200-240	40-70	118-242	50-60	Yes	6	132	433	660	4	4		Voltage and Frequency 4 Independent	Voltage and Frequency Independent	240	60	240	60	144.0		0.87		0.9		0.9	
CyberPower Systems, Inc.	CyberPower	OL8KERT3UDP M	OL8KERT3UDP M		Ac-output UPS	Static	OL8KERT3UDP M	7,200	8,000				Multi-Mode Double Conversion	Data Center	200-240	40-70	118-242	50-60	Yes	8	132	433	660	4	4		Voltage and Frequency 4 Independent	Voltage and Frequency Independent	240	60	240	60	319.2		0.87		0.9		0.91	
CyberPower Systems, Inc.	CyberPower	OL8KERT3UPM	OL8KERT3UPM		Ac-output UPS	Static	OL8KERT3UPM	7,200	8,000				Multi-Mode Double Conversion	Data Center	200-240	40-70	118-242	50-60	Yes	8	132	433	660	4	4		Voltage and Frequency 4 Independent	Voltage and Frequency Independent	240	60	240	60	319.2		0.87		0.9		0.91	

Efficiency at 75% Load Min Config Highest Dependency (ec)	Efficiency at 100% Load Min Config Lowest Dependency (ec)	Efficiency at 100% Load Min Config Highest Dependency (ec)	Weighted Efficiency Calc: Min Config Lowest Dependency	Weighted Efficiency Calc: Min Config Highest Dependency	Total Input Power in W at 0% Load Minimum Configuration (G)	Efficiency at 30% Load Minimum Configuration (G)	Efficiency at 40% Load Minimum Configuration (G)	Efficiency at 50% Load Minimum Configuration (G)	Efficiency at 60% Load Minimum Configuration (G)	Efficiency at 70% Load Minimum Configuration (G)	Efficiency at 80% Load Minimum Configuration (G)	Minimum Configuration Input Power Factor Lowest-Input Dependency	Minimum Configuration Input Power Factor Highest-Input Dependency	Total Input Power in W at 0% Load Max Config Lowest Dependency (G)	Total Input Power in W at 0% Load Max Config Highest Dependency (G)	Efficiency at 25% Load Max Config Lowest Dependency (ec)	Efficiency at 25% Load Max Config Highest Dependency (ec)	Efficiency at 50% Load Max Config Lowest Dependency (ec)	Efficiency at 50% Load Max Config Highest Dependency (ec)	Efficiency at 75% Load Max Config Lowest Dependency (ec)	Efficiency at 75% Load Max Config Highest Dependency (ec)	Efficiency at 100% Load Max Config Lowest Dependency (ec)	Efficiency at 100% Load Max Config Highest Dependency (ec)	Weighted Efficiency Calc: Max Config Lowest Dependency	Weighted Efficiency Calc: Max Config Highest Dependency	Total Input Power in W at 0% Load Maximum Configuration (G)	Efficiency at 30% Load Maximum Configuration (G)	Efficiency at 40% Load Maximum Configuration (G)	Efficiency at 50% Load Maximum Configuration (G)	Efficiency at 60% Load Maximum Configuration (G)	Efficiency at 70% Load Maximum Configuration (G)	Efficiency at 80% Load Maximum Configuration (G)	Maximum Configuration Input Power Factor Lowest-Input Dependency	Maximum Configuration Input Power Factor Highest-Input Dependency	Modular UPS Module Tested Model Number	Energy Storage Mechanism	Energy Storage System Technology	Energy Storage System Configuration	Energy Storage System Removable to Another Room					
	0.99		0.99									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	1		
	0.99		0.98									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	2		
	0.99		0.99									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	3		
	0.98		0.98									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	2		
	0.99		0.99									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	3		
	0.98		0.98									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	3		
	0.98		0.98									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	3		
	0.99		0.99									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	3		
	0.98		0.97									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	2		
	0.98		0.98									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	2		
	0.99		0.98									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	2		
	0.99		0.98									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	2		
	0.98		0.98									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	2		
	0.99		0.99									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	2		
	0.98		0.98									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	2		
	0.99		0.99									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	2		
	0.98		0.99									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	2		
	0.98		0.98									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	1		
	0.99		0.98									1																									N/A	Battery	Valve Regulated Le	Integral	Yes	2		
	0.99		0.99									1																										N/A	Battery	Valve Regulated Le	Integral	Yes	2	
	0.99		0.99									1																										N/A	Battery	Valve Regulated Le	Integral	Yes	2	
	0.98		0.98									1																										N/A	Battery	Valve Regulated Le	Integral	Yes	3	
	0.99		0.99									1																										N/A	Battery	Valve Regulated Le	Integral	Yes	2	
	0.98		0.99									1																										N/A	Battery	Valve Regulated Le	Integral	Yes	2	
	0.98		0.98									1																										N/A	Battery	Valve Regulated Le	Integral	Yes	2	
	0.99		0.98									1																										N/A	Battery	Valve Regulated Le	Integral	Yes	2	
	0.99		0.99									1																										N/A	Battery	Valve Regulated Le	Integral	Yes	2	
	0.99		0.99									1																										N/A	Battery	Valve Regulated Le	Integral	Yes	2	
	0.91		0.9									0.94																									N/A	Battery	Valve Regulated Le	Separate Enclosure	Yes	6		
	0.91		0.92									0.99																										N/A	Battery	Vented Lead-acid B	Separate Enclosure	Yes	4	
	0.91		0.92									0.99																										N/A	Battery	Valve Regulated Le	Separate Enclosure	Yes	4	
	0.91		0.92									0.99																										N/A	Battery	Valve Regulated Le	Separate Enclosure	Yes	4	
	0.9		0.91									0.92																										N/A	Battery	Valve Regulated Le	Separate Enclosure	Yes	3	
	0.91		0.92									0.99																											N/A	Battery	Valve Regulated Le	Separate Enclosure	Yes	5
	0.91		0.92									0.99																											N/A	Battery	Valve Regulated Le	Separate Enclosure	Yes	5
	0.91		0.92									0.99																											N/A	Battery	Valve Regulated Le	Separate Enclosure	Yes	5
	0.91		0.92									0.99																											N/A	Battery	Valve Regulated Le	Separate Enclosure	Yes	5
	0.91		0.92									0.99																											N/A	Battery	Valve Regulated Le	Separate Enclosure	Yes	5
	0.99		0.98									1																										N/A	Battery	Valve Regulated Le	Integral	Yes	3	

Energy Storage System Runtime at 100% Load (min)	Energy Storage System Runtime at 50% Load (min)	Energy Storage System Warranty (yr)	Energy Storage System Information URL	Battery Recycling URL	Network Connections Available	Communication Protocols	Communication Protocol Other	Data Provided via Network Communication	Data Visually Displayed	Output Energy Meter Integral to the UPS	Meets ENERGY STAR Optional Metering Requirements	External Meter Manufacturer and Model Name	External Meter URL	Energy Measurement Accuracy Class	Life Cycle Assessment URL	Manufacturer Take Back Program	Manufacturer Take Back Program URL	Model Web Page URL	Data Available on Market	Date Qualified	Markets	ENERGY STAR Model Identifier
	6	1	N/A		Serial Port,USB Po Other		RS232	No Network Comm; Output Active Power No Energy Meter			N/A			N/A		Yes		http://www.cpsww.com/	1/15/2009	10/9/2012	United States	ES_1099904_C P1500AVRLCD_1010201205145_1_2563751
or CP1500PFCL 9 for CP1000PFCL 2			N/A		Serial Port,USB Po Other		RS232	No Network Comm; Output Active Power No Energy Meter			N/A			N/A		Yes		http://www.cpsww.com/	7/4/2012	10/19/2012	United States	ES_1099904_C P1000PFCLCD_1022201203005_9_999999
	12	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			No Network Comm; No Display	No Energy Meter	N/A						Yes		http://www.cpsww.com/	7/20/2012	10/22/2012	United States	ES_1099904_C P1200AVRCP1200D_11092012040246_25_63751
	9	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			No Network Comm; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	7/20/2012	10/22/2012	United States	ES_1099904_C P1350AVRLCD_110201204024_6_2563751
or CP1000PFCL 9 for CP1350PFCL 2			N/A		Serial Port,USB Po Other		RS232	No Network Comm; Output Active Power No Energy Meter			N/A			N/A		Yes		http://www.cpsww.com/	7/4/2012	10/19/2012	United States	ES_1099904_C P1350PFCLCD_1022201203005_9_999999
	11	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			No Network Comm; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	7/20/2012	10/22/2012	United States	ES_1099904_C P1500AVRLCD_CP1500D_11092012040246_25_63751
	11	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			No Network Comm; No Display	No Energy Meter	N/A						Yes		http://www.cpsww.com/	7/20/2012	10/22/2012	United States	ES_1099904_C P1500AVRCP1500D_11092012040246_25_63751
or CP1350PFCL 11 for CP1500PFCL 2			N/A		Serial Port,USB Po Other		RS232	No Network Comm; Output Active Power No Energy Meter			N/A			N/A		Yes		http://www.cpsww.com/	7/4/2012	10/19/2012	United States	ES_1099904_C P1500PFCLCD_1022201203005_9_999999
	7	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			No Network Comm; No Display	No Energy Meter	N/A						Yes		http://www.cpsww.com/	5/22/2012	10/26/2012	United States	ES_1099904_C P425G_11082012052430_25637_48
	8	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			No Network Comm; No Display	No Energy Meter	N/A						Yes		http://www.cpsww.com/	5/22/2012	10/26/2012	United States	ES_1099904_C P500HGCP500D_11082012052430_2_563748
	10	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			No Network Comm; No Display	No Energy Meter	N/A						Yes		http://www.cpsww.com/	8/9/2012	10/29/2012	United States	ES_1099904_C P550AVR11052_022020551_2563750
	8	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			No Network Comm; No Display	No Energy Meter	N/A						Yes		http://www.cpsww.com/	5/22/2012	10/26/2012	United States	ES_1099904_C P550HGCP550D_11082012052430_2_563748
	9	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			No Network Comm; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	5/22/2012	10/26/2012	United States	ES_1099904_C P625HGCP625D_11082012052430_2_563748
	8	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			No Network Comm; No Display	No Energy Meter	N/A						Yes		http://www.cpsww.com/	5/22/2012	10/26/2012	United States	ES_1099904_C P625HGCP625D_11082012052430_2_563748
	10	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			No Network Comm; No Display	No Energy Meter	N/A						Yes		http://www.cpsww.com/	8/9/2012	10/29/2012	United States	ES_1099904_C P685AVR-C CP685AVR C P685AVRLCD.C P685AVRLCD-G110520120255_51_2563750
	10	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			No Network Comm; No Display	No Energy Meter	N/A						Yes		http://www.cpsww.com/	8/9/2012	10/29/2012	United States	ES_1099904_C P700AVR11052_022020551_2563750
	10	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			No Network Comm; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	5/22/2012	10/26/2012	United States	ES_1099904_C P750LCD_CP750L_CDM_11082012052430_2563748
	8	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			No Network Comm; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	8/9/2012	10/29/2012	United States	ES_1099904_C P825AVR-C CP825AVR C P825AVRLCD-G110520120255_51_2563750
	8	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			No Network Comm; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	5/22/2012	10/26/2012	United States	ES_1099904_C P825HGCP825D_11082012052430_2_563748
	7	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			No Network Comm; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	7/20/2012	10/22/2012	United States	ES_1099904_C P850AVRLCD_11092012040246_2563751
or CP850PFCL 8 for CP850PFCL 2			N/A		Serial Port,USB Po Other		RS232	No Network Comm; Output Active Power No Energy Meter			N/A			N/A		Yes		http://www.cpsww.com/	7/4/2012	10/19/2012	United States	ES_1099904_C P850PFCLCD_1022201203005_9_999999
	12	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			No Network Comm; No Display	No Energy Meter	N/A						Yes		http://www.cpsww.com/	7/20/2012	10/22/2012	United States	ES_1099904_C P900AVRCP900D_11092012040246_2563751
	18	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			Output Active Power; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	8/30/2012	1/18/2013	United States	ES_1099904_O L1000RTXL2U_111920121131_9_2578762
	11	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			Output Active Power; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	6/8/2012	1/18/2013	United States, Canada	ES_1099904_O L10KERT3UDP_M_11192012111252_2578761
	11	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			Output Active Power; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	6/8/2012	1/18/2013	United States, Canada	ES_1099904_O L10KERT3UPM_11192012111252_2578761
	11	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			Output Active Power; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	6/8/2012	1/18/2013	United States, Canada	ES_1099904_O L10KERT3UPM_119201211252_2578761
	9	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			Output Active Power; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	8/30/2012	1/18/2013	United States	ES_1099904_O L1500RTXL2U_111920121131_9_2578762
3	15.8	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			Output Active Power; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	6/8/2012	1/18/2013	United States, Canada	ES_1099904_O L6KERT3UPM_11192012111252_2578761
3	15.8	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			Output Active Power; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	6/8/2012	1/18/2013	United States, Canada	ES_1099904_O L6KERT3UPM_1119201211252_2578761
3	15.8	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			Output Active Power; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	6/8/2012	1/18/2013	United States, Canada	ES_1099904_O L6KERT3UPM_119201211252_2578761
	13	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			Output Active Power; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	6/8/2012	1/18/2013	United States, Canada	ES_1099904_O L6KERT3UPM_11192012111252_2578761
	13	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			Output Active Power; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	6/8/2012	1/18/2013	United States, Canada	ES_1099904_O L6KERT3UPM_1119201211252_2578761
	13	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			Output Active Power; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	6/8/2012	1/18/2013	United States, Canada	ES_1099904_O L6KERT3UPM_119201211252_2578761
	11	2	N/A		Serial Port,USB Po Other,SNMP (v1.2 (TCP/IP, UDP)			Output Active Power; Output Active Power No Energy Meter			N/A					Yes		http://www.cpsww.com/	6/28/2012	10/23/2012	United States	ES_1099904_O R1000CDRM1_U119201211252_4_999999

Energy Storage System Runtime at 100% Load (min)	Energy Storage System Runtime at 80% Load (min)	Energy Storage System Warranty (yr)	Energy Storage System Information URL	Battery Recycling URL	Network Connections Available	Communication Protocols	Communication Protocol Other	Data Provided via Network Communication	Data Visually Displayed	Output Energy Meter Integral or External to the UPS	Meets ENERGY STAR Optional Metering Requirements	External Meter and Model Name	External Meter URL	Energy Measurement Accuracy Class	Life Cycle Assessment URL	Manufacturer Take Back Program	Manufacturer Take Back Program URL	Model Web Page URL	Date Available on Market	Date Qualified	Markets	ENERGY STAR Model Identifier
11	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	6/28/2012	10/23/2012	United States	ES_1095904_O R1500LCDRM1 U11920121125 43_9999999
18	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	6/28/2012	10/23/2012	United States	ES_1095904_O R1500LCDRM2 U11920121125 43_9999999
19	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	6/28/2012	10/23/2012	United States	ES_1095904_O R1500LCDRTXL ZU11192012112 543_9999999
18	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	6/28/2012	10/23/2012	United States	ES_1095904_O R1500PFCRT2U _11220120249 02_2563741
19	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	6/28/2012	10/23/2012	United States	ES_1095904_O R2200LCDRM2 U11920121115 43_9999999
14	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	6/28/2012	10/23/2012	United States	ES_1095904_O R2200LCDRTXL ZU_1112201202 4902_2563741
20	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	6/28/2012	10/23/2012	United States	ES_1095904_O R2200PFCRT2U _11220120249 02_2563741
20	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	6/28/2012	10/23/2012	United States	ES_1095904_O R2200PFCRT2U _11220120249 02_2563741
12	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	6/28/2012	10/23/2012	United States	ES_1095904_O R500LCDRM1U 11920121254 3_9999999
11	2	N/A			Serial Port,USB Po	Other,HTTP,SNMP	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	6/28/2012	10/23/2012	United States	ES_1095904_O R700LCDRM1U 11920121254 3_9999999
or PR1000LCD	24.5 for PR1000LCD	2	N/A		Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A		N/A		Yes	http://www.cpsww.com/	http://www.cpsww.com/	5/14/2012	12/2/2011	United States	ES_1095904_P PR1000LCD10 72012124044_2 563760
14	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	4/11/2012	11/1/2012	United States	ES_1095904_P R1000LCDRM1 U11220120323 18_2563741
32	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	4/11/2012	11/1/2012	United States	ES_1095904_P R1000LCDRTXL ZU1122012032 318_2563741
32	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	4/11/2012	11/1/2012	United States	ES_1095904_P R1000LCDRTXL ZU1122012032 318_2563741
39	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	4/11/2012	11/1/2012	United States	ES_1095904_P R1000LCDRTXL ZUA112201203 2318_2563741
or PR1500LCD	24 for PR1500LCD	2	N/A		Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A		N/A		Yes	http://www.cpsww.com/	http://www.cpsww.com/	5/14/2012	12/2/2011	United States	ES_1095904_P R1500LCD1107 2012124044_25 63760
18	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	4/11/2012	11/1/2012	United States	ES_1095904_P R1500LCDRTXL 112201203231 8_2563741
24	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	4/11/2012	11/1/2012	United States	ES_1095904_P R1500LCDRTXL ZU1122012032 318_2563741
or PR2000LCD	26 for PR2000LCD	2	N/A		Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A		N/A		Yes	http://www.cpsww.com/	http://www.cpsww.com/	9/28/2012	9/28/2012	United States	ES_1095904_P PR2000LCD10 72012124044_2 563760
or PR2200LCD	26 for PR2200LCD	2	N/A		Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A		N/A		Yes	http://www.cpsww.com/	http://www.cpsww.com/	9/28/2012	9/28/2012	United States	ES_1095904_P R2200LCD1107 2012124044_25 63760
16	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	4/11/2012	11/1/2012	United States	ES_1095904_P R2200LCDRTXL 112201203231 8_2563741
14	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	4/11/2012	11/1/2012	United States	ES_1095904_P R2200LCDRTXL ZU1122012032 318_2563741
or PR3000LCD	17 for PR3000LCD	2	N/A		Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A		N/A		Yes	http://www.cpsww.com/	http://www.cpsww.com/	9/28/2012	9/28/2012	United States	ES_1095904_P R3000LCD1107 2012124044_25 63760
8	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	4/11/2012	11/1/2012	United States	ES_1095904_P R3000LCDRTXL 112201203231 8_2563741
8	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	4/11/2012	11/1/2012	United States	ES_1095904_P R3000LCDRTXL ZU1122012032 318_2563741
31	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	4/11/2012	11/1/2012	United States	ES_1095904_P R500LCDRTXL SU1122012032 318_2563741
26	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	4/11/2012	11/1/2012	United States	ES_1095904_P R600LCDRTXL SU1122012032 318_2563741
or PR750LCD	15 for PR750LCD	2	N/A		Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A		N/A		Yes	http://www.cpsww.com/	http://www.cpsww.com/	5/14/2012	6/15/2012	United States	ES_1095904_P PR750LCD1107 2012124044_25 63760
23	2	N/A			Serial Port,USB Po	Other,SNMP (v1, 2	TCP/IP, UDP	Output Active Power	Output Active Power	Output Active Power	No Energy Meter	N/A				Yes	http://www.cpsww.com/	http://www.cpsww.com/	4/11/2012	11/1/2012	United States	ES_1095904_P R750LCDRM1U 112201203231 8_2563741
35	3	www.dellups.com			Other	SNMP (v1, 2 or 3)		Output Current,Out	No Display	No Energy Meter	No			N/A		No	www.Dellups.com	www.Dellups.com	9/25/2012	9/24/2012	United States, Europe, Taiwan, Japan	ES_29573_DELL 11DRW3PRB 0624201217115 5_2623354
8	2	http://powerquality.eaton.com			Other	SNMP (v1, 2 or 3)		Output Current,Out	No Display	No Energy Meter	N/A			N/A		No	http://powerquality.eaton.com/Products-services/	http://powerquality.eaton.com/Products-services/	12/1/2012	11/28/2012	United States, Japan, Canada	ES_29597_SPX 1500RT SP1500RT_1128 2012124642_85 91269
8	2	http://powerquality.eaton.com			Other	SNMP (v1, 2 or 3)		Output Current,Out	No Display	No Energy Meter	N/A			N/A		No	http://powerquality.eaton.com/Products-services/Backup-Power-UPS/	http://powerquality.eaton.com/Products-services/Backup-Power-UPS/	12/1/2012	11/28/2012	United States, Japan, Canada	ES_29597_SPX 2200RT SPX2200RT_1128 2012113130_52 22867
8	2	http://powerquality.eaton.com			Other	SNMP (v1, 2 or 3)		Output Current,Out	No Display	No Energy Meter	N/A			N/A		No	http://powerquality.eaton.com/Products-Power-UPS/	http://powerquality.eaton.com/Products-Power-UPS/	12/1/2012	11/28/2012	United States, Japan, Canada	ES_29597_SPX 3000RT3U SPX3000RT3U SP3000 11280121340 38_4005182

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model Information	Product Type	Power Conversion Mechanism	Minimum Configuration Tested Model Number	Active Output Power Rating Minimum Configuration (W)	Apparent Output Power Rating Minimum Configuration (VA)	Maximum Configuration Tested Model Number	Active Output Power Rating Maximum Configuration (W)	Apparent Output Power Rating Maximum Configuration (VA)	Topology (ac)	Application	Rated Input Voltage (V rms)	Rated Input Frequency (Hz)	Rated Output Voltage (V)	Rated Output Frequency (Hz)	Rack Mountable	Rack Mount Height (U)	Height (mm)	Width (mm)	Depth (mm)	Total Number of Outlets	Number of Battery Backup and Surge Protected Outlets	Number of Surge Protected Only Outlets	Normal Mode(s) Input Dependency Characteristic (ac)	Default Normal Mode (ac)	Test Input Voltage (V rms)	Test Input Frequency (Hz)	Test Output Voltage (V)	Test Output Frequency (Hz)	Total Input Power in W at 9% Load Min Config Lowest Dependency (ac)	Total Input Power in W at 9% Load Min Config Highest Dependency (ac)	Efficiency at 25% Load Min Config Lowest Dependency (ac)	Efficiency at 25% Load Min Config Highest Dependency (ac)	Efficiency at 50% Load Min Config Lowest Dependency (ac)	Efficiency at 50% Load Min Config Highest Dependency (ac)	Efficiency at 75% Load Min Config Lowest Dependency (ac)	Efficiency at 75% Load Min Config Highest Dependency (ac)
Eaton Corporation	EATON	9PX5K	9PX5K	9PX5K, 9PX5K models are identical except front panel color, outlets, and parallel connectors; 9SX5KRT, 9SX5KRT model is identical except front panel color, outlets, and parallel connectors	Ac-output UPS	Static	9PX5KI	4,500	5,000				Double Conversion	Commercial	200-240	50-60	200-240	50-60	Yes	5	130	440	722				Voltage and Frequency Independent	Voltage and Frequency Independent	230	60	230	60	93,950		0.89		0.92		0.94	
Eaton Corporation	EATON	9PX11KPM, 9PX11KPM	9PX11KPM, 9PX11KPM		Ac-output UPS	Static	9PX11KPM	10,000	11,000				Double Conversion	Data Center	200-250	50-60	200-250	50-60	Yes	3	130	440	700				Voltage and Frequency Independent	Voltage and Frequency Independent	230	60	230	60	107,020		0.94		0.95		0.95	
Eaton Corporation	EATON	9SX11KPM, 9PXTFMR11, 9PX11KPM, 9PXTFMR11, 9PX11KPM, 9PXTFMR11	9SX11KPM, 9PXTFMR11, 9PX11KPM, 9PXTFMR11, 9PX11KPM, 9PXTFMR11		Ac-output UPS	Static	9PX11KPM, 9PXTFMR11	10,000	11,000				Double Conversion	Commercial	200-250	50-60	120-240	50-60	Yes	6	260	440	700				Voltage and Frequency Independent	Voltage and Frequency Independent	230	60	230	60	219,900		0.89		0.92		0.92	
Eaton Corporation	EATON	9SX5KRT	9SX5KRT	9PX5K, 9PX5K models are identical except front panel color, outlets, and parallel connectors; 9SX5KRT, 9SX5KRT model is identical except front panel color, outlets, and parallel connectors	Ac-output UPS	Static	9PX5KI	4,500	5,000				Double Conversion	Data Center	200-240	50-60	200-240	50-60	Yes	5	130	440	722				Voltage and Frequency Independent	Voltage and Frequency Independent	230	60	230	60	93,950		0.89		0.92		0.94	
Eaton Corporation	EATON	9SX8KRT, 9PX8K, 9PX8K, 9PX8KG	9SX8KRT, 9PX8K, 9PX8K, 9PX8KG		Ac-output UPS	Static	9PX8KI	5,400	6,000				Double Conversion	Data Center	200-240	50-60	200-240	50-60	Yes	5	130	440	722				Voltage and Frequency Independent	Voltage and Frequency Independent	230	60	230	60	93,950		0.9		0.93		0.94	
Eaton Corporation	EATON	9SX8KPM, 9PX8KPM, 9PX8KPM	9SX8KPM, 9PX8KPM, 9PX8KPM		Ac-output UPS	Static	9PX8KPM	7,200	8,000				Double Conversion	Data Center	200-250	50-60	200-250	50-60	Yes	3	130	440	700				Voltage and Frequency Independent	Voltage and Frequency Independent	230	60	230	60	99,840		0.92		0.94		0.95	
Eaton Corporation	EATON	9SX8KPM, 9PXTFMR11, 9PX8KPM, 9PXTFMR11, 9PX8KPM, 9PXTFMR11	9SX8KPM, 9PXTFMR11, 9PX8KPM, 9PXTFMR11, 9PX8KPM, 9PXTFMR11		Ac-output UPS	Static	9SX8KPM, 9PXTFMR11	6,900	7,700				Double Conversion	Commercial	200-250	50-60	120-240	50-60	Yes	6	260	440	700				Voltage and Frequency Independent	Voltage and Frequency Independent	230	60	230	60	219,500		0.86		0.91		0.92	
Eltek, Inc.	ELTEK	FLATPACK2 48/2000 HE	241115.105		Dc-output UPS	Static	FLATPACK2 48/2000 HE	2,000	2,000					Commercial Data Center, Telecommunications	100-277	45-66	42-56	-	No		42	109	327						277	60	53									
Eltek, Inc.	ELTEK	FLATPACK2 48/3000 HE	241119.105		Dc-output UPS	Static	FLATPACK2 48/3000 HE	3,000	3,000					Commercial Data Center, Telecommunications	100-277	45-66	42-56	-	No		42	109	327						277	60	53									
Eltek, Inc.	ELTEK	FLATPACK2 48-80/2000 HE	241115.705		Dc-output UPS	Static	FLATPACK2 48-80/2000 HE	2,000	2,000					Commercial Data Center, Telecommunications	100-277	45-66	42-56	-	No		42	109	327						277	60	53									
Eltek, Inc.	ELTEK	FP2 48V 3KW FRONT END RECT HE	380875		Dc-output UPS	Static	FP2 48V 3KW FRONT END RECT HE	3,000	3,000					Commercial Data Center, Telecommunications	100-277	50-60	44-56	-	No		42	109	327						277	60	53									
Eltek, Inc.	ELTEK	V1000A1-HE	V1000A1-HE		Dc-output UPS	Static	V1000A1-HE	1,000	1,000					Commercial Data Center, Telecommunications	200-240	50-60	42-56	-	No		88	86	280						240	60	53									
Eltek, Inc.	ELTEK	V1500A1-HE	V1500A1-HE		Dc-output UPS	Static	V1500A1-HE	1,500	1,500					Commercial Data Center, Telecommunications	200-240	50-60	42-56	-	No		88	86	280						240	60	53									
Eltek, Inc.	ELTEK	V2000A1-HE	V2000A1-HE		Dc-output UPS	Static	V2000A1-HE	2,000	2,000					Commercial Data Center, Telecommunications	200-240	50-60	42-56	-	No		88	86	280						240	60	53									
GE Energy Management	GE	SG Series	SG Series 225 UL S2 (w/ eBoost)		Ac-output UPS	Static	SG S2 225kVA UL S2 (w/ eBoost)	202,000	225,000				Multi-Mode Double Conversion	Data Center	480-480	60-60	277-277	60-60	No		1,808	1,650	800					Voltage and Frequency Dependent, Voltage and Frequency Independent	Voltage and Frequency Dependent	480	60	277	60	7686.37	2731.17	0.87	0.96	0.91	0.98	0.92
GE Energy Management	GE	SG Series	SG Series 300 UL S2 (w/ eBoost)		Ac-output UPS	Static	SG S2 300kVA UL S2 (w/ eBoost)	270,000	300,000				Multi-Mode Double Conversion	Data Center	480-480	60-60	277-277	60-60	No		1,808	1,650	800					Voltage and Frequency Dependent, Voltage and Frequency Independent	Voltage and Frequency Dependent	480	60	277	60	7812.74	2825.59	0.88	0.96	0.92	0.98	0.92
GE Energy Management	GE	SG Series	SG Series 400 UL S2 (w/ eBoost)		Ac-output UPS	Static	SG S2 400kVA UL S2 (w/ eBoost)	360,000	400,000				Multi-Mode Double Conversion	Data Center	480-480	60-60	277-277	60-60	No		1,950	2,050	850					Voltage and Frequency Dependent, Voltage and Frequency Independent	Voltage and Frequency Dependent	480	60	277	60	10766.26	3422.23	0.88	0.97	0.92	0.98	0.93
GE Energy Management	GE	SG Series	SG Series 500 UL S2 (w/ eBoost)		Ac-output UPS	Static	SG S2 500kVA UL S2 (w/ eBoost)	450,000	500,000				Multi-Mode Double Conversion	Data Center	480-480	60-60	277-277	60-60	No		1,950	2,050	850					Voltage and Frequency Dependent, Voltage and Frequency Independent	Voltage and Frequency Dependent	480	60	277	60	10800.0	3796.53	0.9	0.97	0.93	0.99	0.94

Energy Storage System Runtime at 100% Load (min)	Energy Storage System Runtime at 80% Load (min)	Energy Storage System Warranty (Yr)	Energy Storage System Information URL	Battery Recycling URL	Network Connections Available	Communication Protocols	Communication Protocol Other	Data Provided via Network Communication	Data Visually Displayed	Output Energy Meter Integral or External to the UPS	Meets ENERGY STAR Optional Metering Requirements	External Meter and Model Name	External Meter URL	Energy Measurement Accuracy Class	Life Cycle Assessment URL	Manufacturer Take Back Program	Manufacturer Take Back Program URL	Model Web Page URL	Date Available on Market	Date Qualified	Markets	ENERGY STAR Model Identifier
	177	2	HTTP://POWEROU		Other	SNMP (v1, 2 or 3)		Output Current,Out	No Display	No Energy Meter	No			N/A	No		HTTP://POWERQUALITY.EATON.COM/PRODUCTS-SERVICES/BACKUP-POWER-LPS/SPX.ASPX?CX=3	11/21/2012	11/21/2012	United States, Europe	ES_29597_9PX_SX_11212012091434_5391791	
	94	2	http://powerquality.eat		Other	SNMP (v1, 2 or 3)		Output Current,Out	No Display	No Energy Meter	N/A			N/A	No		http://powerquality.eat.on.com/Products-services/Backup-Power-LPS/SPX.aspx?cx=3	12/1/2012	11/28/2012	United States, Europe	ES_29597_9SX11KPM, SPX11KPM, SPX11KPM_112021214121_9232973	
	94	2	http://powerquality.eat		None	SNMP (v1, 2 or 3)		Output Current,Out	No Display	No Energy Meter	N/A			N/A	No		http://powerquality.eat.on.com/Products-services/Backup-Power-LPS/SPX.aspx?cx=3	12/6/2012	12/4/2012	United States, Europe	ES_29597_9SX11KPM, SPX11KPM, SPX11KPM, SPX11KPM, SPX11KPM_12042012082257_6184487	
	177	2	http://powerquality.eat		Other	SNMP (v1, 2 or 3)		Output Current,Out	No Display	No Energy Meter	No			N/A	No		http://powerquality.eat.on.com/products-services/backup-power-lps/9px.aspx?cx=3	11/21/2012	11/21/2012	United States, Europe	ES_29597_9SX9KRT_1121201208146_1152622	
	177	2	http://powerquality.eat		Other	SNMP (v1, 2 or 3)		Output Current,Out	No Display	No Energy Meter	N/A			N/A	No		http://powerquality.eat.on.com/Products-services/Backup-Power-LPS/SPX.aspx?cx=3	12/1/2012	11/28/2012	United States, Europe	ES_29597_9SX9KRT, 9PX9K, 9PX9K, 9PX9K, 9PX9K_112801205954_4182558	
	141	2	http://powerquality.eat		Other	SNMP (v1, 2 or 3)		Output Current,Out	No Display	No Energy Meter	N/A			N/A	No		http://powerquality.eat.on.com/Products-services/Backup-Power-LPS/SPX.aspx?cx=3	12/1/2012	11/28/2012	United States, Europe	ES_29597_9SX8KPM, SPX8KPM, SPX8KPM_11282012113025_968243	
	141	2	http://powerquality.eat		Other	SNMP (v1, 2 or 3)		Output Current,Out	No Display	No Energy Meter	N/A			N/A	No		http://powerquality.eat.on.com/Products-services/Backup-Power-LPS/SPX.aspx?cx=3	12/5/2012	12/3/2012	United States, Europe	ES_29597_9SX8KPM, SPX8KPM, SPX8KPM, SPX8KPM, SPX8KPM, SPX8KPM_12032012164755_1486240	
A	N/A	N/A	N/A		None	None		No Network Comms	No Display	No Energy Meter	N/A				No		http://www.etek.com/us/wq4/detail_products_e?P=1239585&cat=&k1=&k2=&k3=&k4=&doose=1	10/1/2012	10/17/2012	United States	ES_1107363_241115.705_10192012172256_7239421	
A	N/A	N/A	N/A		None	None		No Network Comms	No Display	No Energy Meter	N/A				No		http://www.etek.com/us/wq4/detail_products_e?P=1239585&cat=&k1=&k2=&k3=&k4=&doose=1	10/1/2012	10/17/2012	United States	ES_1107363_241115.705_10192012172200_314836	
A	N/A	N/A	N/A		None	None		No Network Comms	No Display	No Energy Meter	N/A				No		http://www.etek.com/us/wq4/detail_products_e?P=1239585&cat=&k1=&k2=&k3=&k4=&doose=1	10/1/2012	10/17/2012	United States	ES_1107363_241115.705_10192012172406_3082981	
A	N/A	N/A	N/A		None	None		No Network Comms	No Display	No Energy Meter	N/A				No		http://www.etek.com/us/wq4/detail_products_e?P=1239585&cat=&k1=&k2=&k3=&k4=&doose=1	10/1/2012	10/17/2012	United States	ES_1107363_388075_10192012171133_1072905	
A	N/A	N/A	N/A		None	None		No Network Comms	No Display	No Energy Meter	N/A				No		http://www.etek.com/us/wq4/detail_products_e?P=1239575&cat=&k1=&k2=&k3=&k4=&doose=1	10/1/2012	10/17/2012	United States	ES_1107363_V1000A1-HE_10192012175750_1554993	
A	N/A	N/A	N/A		None	None		No Network Comms	No Display	No Energy Meter	N/A				No		http://www.etek.com/us/wq4/detail_products_e?P=1239575&cat=&k1=&k2=&k3=&k4=&doose=1	10/1/2012	10/17/2012	United States	ES_1107363_V1500A1-HE_10192012175426_7762303	
A	N/A	N/A	N/A		None	None		No Network Comms	No Display	No Energy Meter	N/A				No		http://www.etek.com/us/wq4/detail_products_e?P=1239575&cat=&k1=&k2=&k3=&k4=&doose=1	10/1/2012	10/17/2012	United States	ES_1107363_V2000A1-HE_10192012175207_8738195	
	40	3	http://www.gedigital		Serial Port	Modbus RTU		Output Current,Out	Output Current,Out	External Bundled M	Yes	Lovato DMG210	http://www.lovatobv.com/IEC Class 1		No		http://www.gedigitalenrgy.com/search.htm?cx=01634441884408152189P%3A9080b0a008cof=FORD%3A11&u=U-TF-8&psc=Series+UPS+500VA&skurl=www.gedigitalenrgy.com/2F&ref=&ss=15j225j&sa.x=488sa.y=14	9/1/2012	9/19/2012	United States, Canada	ES_1105798_G E CONSUMER & INDUSTRIAL (858927) SG Series 300 LL SZ (w/boost) _092520121600_47_8847704	
	27	3	http://www.gedigital		Serial Port	Modbus RTU		Output Current,Out	Output Current,Out	External Bundled M	Yes	Lovato DMG210	http://www.lovatobv.com/IEC Class 1		No		http://www.gedigitalenrgy.com/search.htm?cx=01634441884408152189P%3A9080b0a008cof=FORD%3A11&u=U-TF-8&psc=Series+UPS+500VA&skurl=www.gedigitalenrgy.com/2F&ref=&ss=15j225j&sa.x=488sa.y=13	9/1/2012	9/19/2012	United States, Canada	ES_1105798_G E CONSUMER & INDUSTRIAL (858927) SG Series 300 LL SZ (w/boost) _092520121602_58_8848195	
	24	3	http://www.gedigital		Serial Port	Modbus RTU		Output Current,Out	Output Current,Out	External Bundled M	Yes	Lovato DMG210	http://www.lovatobv.com/IEC Class 1		No		http://www.gedigitalenrgy.com/search.htm?cx=01634441884408152189P%3A9080b0a008cof=FORD%3A11&u=U-TF-8&psc=Series+UPS+500VA&skurl=www.gedigitalenrgy.com/2F&ref=&ss=15j225j&sa.x=488sa.y=12	9/1/2012	9/19/2012	United States, Canada	ES_1105798_G E CONSUMER & INDUSTRIAL (858927) SG Series 400 LL SZ (w/boost) _092520121640_34_1234625	
	14	3	http://www.gedigital		None	None		No Network Comms	No Display	No Energy Meter	N/A				No		http://www.gedigitalenrgy.com/search.htm?cx=01634441884408152189P%3A9080b0a008cof=FORD%3A11&u=U-TF-8&psc=Series+UPS+500VA&skurl=www.gedigitalenrgy.com/2F&ref=&ss=15j225j&sa.x=488sa.y=11	9/1/2012	9/19/2012	United States, Canada	ES_1105798_G E CONSUMER & INDUSTRIAL (858927) SG Series 500 LL SZ (w/boost) _092520121641_36_1238791	

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model Information	Product Type	Power Conversion Mechanism	Minimum Configuration Tested Model Number	Active Output Power Rating Minimum Configuration (W)	Apparent Output Power Rating Minimum Configuration (VA)	Maximum Configuration Tested Model Number	Active Output Power Rating Maximum Configuration (W)	Apparent Output Power Rating Maximum Configuration (VA)	Topology (ac)	Application	Rated Input Voltage (V rms)	Rated Input Frequency (Hz)	Rated Output Voltage (V)	Rated Output Frequency (Hz)	Rack Mountable	Rack Mount Height (U)	Height (mm)	Width (mm)	Depth (mm)	Total Number of Outlets	Number of Battery Backup and Surge Protected Outlets	Number of Surge Protected Only Outlets	Normal Mode(s) Input Dependency Characteristic (ac)	Default Normal Mode (ac)	Test Input Voltage (V rms)	Test Input Frequency (Hz)	Test Output Voltage (V)	Test Output Frequency (Hz)	Total Input Power in W at 9% Load Min Config Lowest Dependency (ac)	Total Input Power in W at 9% Load Min Config Highest Dependency (ac)	Efficiency at 25% Load Min Config Lowest Dependency (ac)	Efficiency at 25% Load Min Config Highest Dependency (ac)	Efficiency at 50% Load Min Config Lowest Dependency (ac)	Efficiency at 50% Load Min Config Highest Dependency (ac)	Efficiency at 75% Load Min Config Lowest Dependency (ac)	Efficiency at 75% Load Min Config Highest Dependency (ac)
GE Energy Management	GE	SG Series	SG Series 750	UL S2 (w/ eBoost)	Ac-output UPS	Static	SG S2 750kVA UL S2 (w/ eBoost) + 59filter + 11filter	675,000	750,000			Multi-Mode Double Conversion	Data Center	480-480	60-60	277-277	60-60	No		1,950	3,320	900				Voltage and Frequency Dependent, Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	277	60	11657.66	4590.5	0.93	0.98	0.94	0.99	0.94		
Huawei Technologies Co., Ltd.	HUAWEI	UPS2000-G-10KRRTS	UPS2000-G-10KRRTS		Ac-output UPS	Static	UPS2000-G-10KRRTS	9,000	10,000			Multi-Mode Line Interactive	Commercial	208-240	50-60	208-240	50-60	Yes		85	430	550				Voltage and Frequency Independent	Voltage and Frequency Independent	240	60	240	60	66.0		0.94		0.95		0.95		
Liebert Corporation	EMERSON NETWORK POWER	Liebert APM	NR Series		Ac-output UPS	Static	NRA90CC	15,000	15,000	NRF90CC	90,000	Multi-Mode Double Conversion	Data Center	208-208	60-60	208-208	60-60	No		2,000	800	1,000				Voltage and Frequency Dependent, Voltage and Frequency Independent	Voltage and Frequency Independent	208	60	208	60	172.89	177.24	0.92	0.95	0.94	0.97	0.93		
Liebert Corporation	EMERSON NETWORK POWER	Liebert GXT3	GXT3-1000RT208		Ac-output UPS	Static	GXT3-1000RT208	9,000	10,000			Double Conversion	Data Center	120-240	50-60	120-240	50-60	Yes	6	261	430	672				Voltage and Frequency Independent	Voltage and Frequency Independent	120	60	120	60	121.57		0.91		0.93		0.92		
Liebert Corporation	EMERSON NETWORK POWER	Liebert GXT3	GXT3-1000RT120		Ac-output UPS	Static	GXT3-1000RT120	900	1,000			Double Conversion	Data Center	110-120	50-60	110-120	50-60	Yes	2	85	430	497				Voltage and Frequency Independent	Voltage and Frequency Independent	120	60	120	60	31.71		0.85		0.89		0.89		
Liebert Corporation	EMERSON NETWORK POWER	Liebert GXT3	GXT3-1500RT120		Ac-output UPS	Static	GXT3-1500RT120	1,350	1,500			Double Conversion	Data Center	110-120	50-60	110-120	50-60	Yes	2	85	430	497				Voltage and Frequency Independent	Voltage and Frequency Independent	120	60	120	60	47.57		0.85		0.89		0.9		
Liebert Corporation	EMERSON NETWORK POWER	Liebert GXT3	GXT3-2000RT120		Ac-output UPS	Static	GXT3-2000RT120	1,746	1,940			Double Conversion	Data Center	110-120	50-60	110-120	50-60	Yes	2	85	430	497				Voltage and Frequency Independent	Voltage and Frequency Independent	120	60	120	60	46.32		0.87		0.9		0.9		
Liebert Corporation	EMERSON NETWORK POWER	Liebert GXT3	GXT3-3000RT120		Ac-output UPS	Static	GXT3-3000RT120	2,700	3,000			Double Conversion	Data Center	110-120	50-60	110-120	50-60	Yes	2	85	430	602				Voltage and Frequency Independent	Voltage and Frequency Independent	120	60	120	60	68.83		0.87		0.9		0.9		
Liebert Corporation	EMERSON NETWORK POWER	Liebert GXT3	GXT3-3000RT208		Ac-output UPS	Static	GXT3-3000RT208	2,700	3,000			Double Conversion	Data Center	208-240	50-60	208-240	50-60	Yes	2	85	430	602				Voltage and Frequency Independent	Voltage and Frequency Independent	230	60	230	60	76.4		0.87		0.9		0.91		
Liebert Corporation	EMERSON NETWORK POWER	Liebert GXT3	GXT3-5000RT208		Ac-output UPS	Static	GXT3-5000RT208	4,000	5,000			Double Conversion	Data Center	120-240	50-60	120-240	50-60	Yes	4	173	430	662				Voltage and Frequency Independent	Voltage and Frequency Independent	120	60	120	60	81.65		0.9		0.92		0.93		
Liebert Corporation	EMERSON NETWORK POWER	Liebert GXT3	GXT3-6000RT208		Ac-output UPS	Static	GXT3-6000RT208	4,800	6,000			Double Conversion	Data Center	120-240	50-60	120-240	50-60	Yes	4	173	430	662				Voltage and Frequency Independent	Voltage and Frequency Independent	120	60	120	60	82.9		0.9		0.93		0.93		
Liebert Corporation	EMERSON NETWORK POWER	Liebert GXT3	GXT3-6000RTL630		Ac-output UPS	Static	GXT3-6000RTL630	4,200	6,000			Double Conversion	Data Center	208-240	50-60	208-240	50-60	Yes	5	217	430	574				Voltage and Frequency Independent	Voltage and Frequency Independent	230	60	230	60	68.98		0.91		0.94		0.94		
Liebert Corporation	EMERSON NETWORK POWER	Liebert GXT3	GXT3-700RT120		Ac-output UPS	Static	GXT3-700RT120	630	700			Double Conversion	Data Center	110-120	50-60	110-120	50-60	Yes	2	85	430	497				Voltage and Frequency Independent	Voltage and Frequency Independent	120	60	120	60	25.6		0.84		0.89		0.9		
Liebert Corporation	EMERSON NETWORK POWER	Liebert GXT3	GXT3-8000RT208		Ac-output UPS	Static	GXT3-8000RT208	7,200	8,000			Double Conversion	Data Center	120-240	50-60	120-240	50-60	Yes	6	261	430	672				Voltage and Frequency Independent	Voltage and Frequency Independent	120	60	120	60	117.3		0.9		0.92		0.97		
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	APC Smart-UPS 3000VA RM 2U LCD 120V	SMT3000RM2U		Ac-output UPS	Static	SMT3000RM2U	2,700	3,000			Line Interactive	Commercial	120-120	50-60	120-120	50-60	Yes	2	86	480	683	8	8	0	Voltage Independent	Voltage Independent	120	60	120	60	11.93		0.98		0.99		0.98		
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	APC Smart-UPS 1000VA LCD 120V	SMT1000		Ac-output UPS	Static	SMT1000	700	1,000			Line Interactive	Commercial	120-120	50-60	120-120	50-60	No		219	171	439	8	8	0	Voltage Independent	Voltage Independent	120	60	120	60	7.9		0.95		0.97		0.98		
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	APC Smart-UPS 1000VA LCD 120V	SMT1000US		Ac-output UPS	Static	SMT1000	700	1,000			Line Interactive	Commercial	120-120	50-60	120-120	50-60	No		219	171	439	8	8	0	Voltage Independent	Voltage Independent	120	60	120	60	7.9		0.95		0.97		0.98		
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	APC Smart-UPS 1000VA LCD RM 2U 120V	SMT1000RM2U		Ac-output UPS	Static	SMT1000RM2U	700	1,000			Line Interactive	Commercial	120-120	50-60	120-120	50-60	Yes	2	89	432	457	6	6	0	Voltage Independent	Voltage Independent	120	60	120	60	8.24		0.95		0.97		0.98		

Energy Storage System Runtime at 100% Load (min)	Energy Storage System Runtime at 80% Load (min)	Energy Storage System Warranty (yr)	Energy Storage System Information URL	Battery Recycling URL	Network Connections Available	Communication Protocols	Communication Protocol Other	Data Provided via Network Communication	Data Visually Displayed	Output Energy Meter Integral or External to the UPS	Meets ENERGY STAR Optional Metering Requirements	External Meter and Model Name	External Meter URL	Energy Measurement Accuracy Class	Life Cycle Assessment URL	Manufacturer Take Back Program	Manufacturer Take Back Program URL	Model Web Page URL	Date Available on Market	Date Qualified	Markets	ENERGY STAR Model Identifier
																	http://www.gedigitalenergy.com/search.htm?c=01634441884468152189%3A60&isack&cof=FRID%3A11&=UT-8&ps=Series+UPS+www.gedigitalenergy.com/2f&f=&ss=15252&sa.x=48&sa.y=15	9/12/2012	9/19/2012	United States, Canada	ES_1105798_G E CONSUMER & INDUSTRIAL (858927) SC Series 750 UL S2 (w/6000) 092520121642_32_135205	
8	3		http://www.gedigitalenergy.com		None	None		No Network Comm	No Display	No Energy Meter	N/A											
12	1		http://www.bb-batte.com		USB Port	Modbus RTU	HTTP, HTTPS	Output Accumulate	Output Accumulate	Integral Meter Insta	No						http://enterprise.huawei.com/en/solutions/trade/energy/index.htm	8/20/2012	9/12/2012	United States, Europe	ES_1105798_HU AWA TECHNOLOGIES CO LTD (158971) UPS2000-G18KR7S_09272012111054_0254140	
153	1		http://www.enersys.com		None	None		No Network Comm	No Display	No Energy Meter	No							http://www.emersonnetworkpower.com/en-US/Products/ACPower/NetworkUPS/Pages/Literature/LineUPS15-90KW.aspx	9/27/2012	10/10/2012	United States, Canada	ES_1105798_E MERSON NETWORK POWER (75454) NR Series_10102012173318_0398517
14	1		http://www.enersys.com		None	None		No Network Comm	No Display	No Energy Meter	N/A							http://www.emersonnetworkpower.com/en-US/Products/ACPower/NetworkUPS/Pages/Literature/LineUPS15-90KW.aspx	3/5/2010	1/17/2013	United States, Canada	ES_1105798_E MERSON NETWORK POWER (879927) GXT3-1600RRT2_08_01222013158622_0302451
17	1		http://www.enersys.com		None	None		No Network Comm	No Display	No Energy Meter	N/A							http://www.emersonnetworkpower.com/en-US/Products/ACPower/NetworkUPS/Pages/Literature/LineUPS15-90KW.aspx	9/20/2009	1/17/2013	United States, Canada	ES_1105798_E MERSON NETWORK POWER (879927) GXT3-1600RRT2_0_01222013155832_0312275
11	1		http://www.enersys.com		None	None		No Network Comm	No Display	No Energy Meter	N/A							http://www.emersonnetworkpower.com/en-US/Products/ACPower/NetworkUPS/Pages/Literature/LineUPS15-90KW.aspx	9/20/2009	1/17/2013	United States, Canada	ES_1105798_E MERSON NETWORK POWER (879927) GXT3-1600RRT2_0_01222013155848_0328117
11	1		http://www.enersys.com		None	None		No Network Comm	No Display	No Energy Meter	N/A							http://www.emersonnetworkpower.com/en-US/Products/ACPower/NetworkUPS/Pages/Literature/LineUPS15-90KW.aspx	9/20/2009	1/17/2013	United States, Canada	ES_1105798_E MERSON NETWORK POWER (879927) GXT3-1600RRT2_0_01222013155902_0342634
11	1		http://www.enersys.com		None	None		No Network Comm	No Display	No Energy Meter	N/A							http://www.emersonnetworkpower.com/en-US/Products/ACPower/NetworkUPS/Pages/Literature/LineUPS15-90KW.aspx	9/2/2009	1/17/2013	United States, Canada	ES_1105798_E MERSON NETWORK POWER (879927) GXT3-1600RRT2_0_01222013155914_0354372
11	1		http://www.enersys.com		None	None		No Network Comm	No Display	No Energy Meter	N/A							http://www.emersonnetworkpower.com/en-US/Products/ACPower/NetworkUPS/Pages/Literature/LineUPS15-90KW.aspx	9/2/2009	1/17/2013	United States, Canada	ES_1105798_E MERSON NETWORK POWER (879927) GXT3-1600RRT20_8_01222013155926_0366674
16	1		http://www.enersys.com		None	None		No Network Comm	No Display	No Energy Meter	N/A							http://www.emersonnetworkpower.com/en-US/Products/ACPower/NetworkUPS/Pages/Literature/LineUPS15-90KW.aspx	4/9/2010	1/17/2013	United States, Canada	ES_1105798_E MERSON NETWORK POWER (879927) GXT3-1600RRT20_8_01222013155937_0377813
13	1		http://www.enersys.com		None	None		No Network Comm	No Display	No Energy Meter	N/A							http://www.emersonnetworkpower.com/en-US/Products/ACPower/NetworkUPS/Pages/Literature/LineUPS15-90KW.aspx	4/9/2010	1/17/2013	United States, Canada	ES_1105798_E MERSON NETWORK POWER (879927) GXT3-1600RRT20_8_01222013155950_0390394
19	1		http://www.enersys.com		None	None		No Network Comm	No Display	No Energy Meter	N/A							http://www.emersonnetworkpower.com/en-US/Products/ACPower/NetworkUPS/Pages/Literature/LineUPS15-90KW.aspx	3/26/2010	1/17/2013	United States, Canada	ES_1105798_E MERSON NETWORK POWER (879927) GXT3-1600RRT20_30_01222013160010_0410258
27	1		http://www.enersys.com		None	None		No Network Comm	No Display	No Energy Meter	N/A							http://www.emersonnetworkpower.com/en-US/Products/ACPower/NetworkUPS/Pages/Literature/LineUPS15-90KW.aspx	9/20/2009	1/17/2013	United States, Canada	ES_1105798_E MERSON NETWORK POWER (879927) GXT3-750RRT120_01222013160023_0423691
20	1		http://www.enersys.com		None	None		No Network Comm	No Display	No Energy Meter	N/A							http://www.emersonnetworkpower.com/en-US/Products/ACPower/NetworkUPS/Pages/Literature/LineUPS15-90KW.aspx	3/5/2010	1/17/2013	United States, Canada	ES_1105798_E MERSON NETWORK POWER (879927) GXT3-1600RRT20_8_01222013155811_0291451
4	11.7	2	http://www.apc.com	http://www.apc.com	None	None		No Network Comm	No Display	No Energy Meter	No			http://www.apc.com	Yes		http://www.apc.com/site/recycle/index.cfm?apps=recycling-and-take-back-program&eco-friendly-options-for-your-aging-products&eco-friendly-options/	11/24/2010	12/24/2012	United States, Canada	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) SMT3000RZU_12260120458_0_7885403	
3	19	2	http://www.apc.com	http://www.apc.com	None	None		No Network Comm	No Display	No Energy Meter	N/A			http://www.apc.com	Yes		http://www.apc.com/site/recycle/index.cfm?apps=recycling-and-take-back-program&eco-friendly-options-for-your-aging-products&eco-friendly-options/	10/30/2009	8/24/2012	United States, Canada	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) SMT100_084201216117_5077834	
3	19	2	http://www.apc.com	http://www.apc.com	None	None		No Network Comm	No Display	No Energy Meter	N/A			http://www.apc.com	Yes		http://www.apc.com/site/recycle/index.cfm?apps=recycling-and-take-back-program&eco-friendly-options-for-your-aging-products&eco-friendly-options/	10/30/2009	1/15/2013	United States, Canada	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) SMT1000US_01162013012904_9744756	
7	31.3	2	http://www.apc.com	http://www.apc.com	None	None		No Network Comm	No Display	No Energy Meter	N/A			http://www.apc.com	Yes		http://www.apc.com/site/recycle/index.cfm?apps=recycling-and-take-back-program&eco-friendly-options-for-your-aging-products&eco-friendly-options/	12/1/2010	2/6/2013	United States, Canada	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) SMT1000RZU_03060113010124_384299	

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model Information	Product Type	Power Conversion Mechanism	Minimum Configuration Tested Model Number	Active Output Power Rating Minimum Configuration (W)	Apparent Output Power Rating Minimum Configuration (VA)	Maximum Configuration Tested Model Number	Active Output Power Rating Maximum Configuration (W)	Apparent Output Power Rating Maximum Configuration (VA)	Topology (ac)	Application	Rated Input Voltage (V rms)	Rated Input Frequency (Hz)	Rated Output Voltage (V)	Rated Output Frequency (Hz)	Rack Mountable	Rack Mount Height (U)	Height (mm)	Width (mm)	Depth (mm)	Total Number of Outlets	Number of Battery Backups and Surge Protected Outlets	Number of Surge Protected Only Outlets	Normal Mode(s) Input Dependency Characteristic (ac)	Default Normal Mode (ac)	Test Input Voltage (V rms)	Test Input Frequency (Hz)	Test Output Voltage (V)	Test Output Frequency (Hz)	Total Input Power in W at 9% Load Min Config Lowest Dependency (ac)	Total Input Power in W at 9% Load Min Config Highest Dependency (ac)	Efficiency at 25% Load Min Config Lowest Dependency (ac)	Efficiency at 25% Load Min Config Highest Dependency (ac)	Efficiency at 50% Load Min Config Lowest Dependency (ac)	Efficiency at 50% Load Min Config Highest Dependency (ac)	Efficiency at 75% Load Min Config Lowest Dependency (ac)	Efficiency at 75% Load Min Config Highest Dependency (ac)
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	APC Smart-UPS 1500VA LCD 120V	SMT1500		Ac-output UPS	Static	SMT1500	1,000	1,440				Line Interactive	Commercial	120-120	50-60	120-120	50-60	No		219	171	439	8	8	0	Voltage Independent	Voltage Independent	120	60	120	60	8.4		0.96		0.98		0.98	
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	APC Smart-UPS 1500VA LCD 120V	SMT1500US		Ac-output UPS	Static	SMT1500	1,000	1,440				Line Interactive	Commercial	120-120	50-60	120-120	50-60	No		219	171	439	8	8	0	Voltage Independent	Voltage Independent	120	60	120	60	8.4		0.96		0.98		0.98	
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	APC Smart-UPS 2200VA RM 2U LCD 120V	SMT2200RM2U		Ac-output UPS	Static	SMT2200RM2U	1,980	2,200				Line Interactive	Commercial	120-120	50-60	120-120	50-60	Yes	2	86	480	683	8	8	0	Voltage Independent	Voltage Independent	120	60	120	60	11.86		0.97		0.98		0.98	
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	APC Smart-UPS 2200VA RM 2U LCD 120V	SMT2200RMUS		Ac-output UPS	Static	SMT2200RM2U	1,980	2,200				Line Interactive	Commercial	120-120	50-60	120-120	50-60	Yes	2	86	480	683	8	8	0	Voltage Independent	Voltage Independent	120	60	120	60	11.86		0.97		0.98		0.98	
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	APC Smart-UPS 3000VA RM 2U LCD 120V	SMT3000RMUS		Ac-output UPS	Static	SMT3000RM2U	2,700	3,000				Line Interactive	Commercial	120-120	50-60	120-120	50-60	Yes	2	86	480	683	8	8	0	Voltage Independent	Voltage Independent	120	60	120	60	11.93		0.98		0.99		0.98	
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	APC Smart-UPS 3000VA RM 2U LCD 208V	SMT3000RMT2U		Ac-output UPS	Static	SMT3000RMT2U	2,700	3,000				Line Interactive	Commercial	208-208	50-60	208-208	50-60	Yes	2	86	480	690	2	2	0	Voltage Independent	Voltage Independent	208	60	208	60	12.37		0.98		0.99		0.99	
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	APC Smart-UPS 750VA LCD 120V	SMT750		Ac-output UPS	Static	SMT750	500	750				Line Interactive	Commercial	120-120	50-60	120-120	50-60	No		161	138	363	6	6	0	Voltage Independent	Voltage Independent	120	60	120	60	7.6		0.94		0.97		0.98	
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	APC Smart-UPS X 1500VA Rack/Tower LCD 120V	SMX1500RM2U		Ac-output UPS	Static	SMX1500RM2U	1,200	1,440				Line Interactive	Commercial	120-120	50-60	120-120	50-60	Yes	2	89	432	490	8	8	0	Voltage Independent	Voltage Independent	120	60	120	60	9.48		0.97		0.98		0.98	
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	APC Smart-UPS X 1500VA Rack/Tower LCD 120V	SMX1500RM2U NC		Ac-output UPS	Static	SMX1500RM2U NC	1,200	1,440				Line Interactive	Commercial	120-120	50-60	120-120	50-60	Yes	2	89	432	490	8	8	0	Voltage Independent	Voltage Independent	120	60	120	60	11.36		0.96		0.98		0.98	
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	Symmetra PX250	SY100K250D		Ac-output UPS	Static	SY100K250DR-PD	100,000	100,000 PD	SY250K250DR-PD	250,000		Multi-Mode Double Conversion	Data Center	380-480	50-60	380-480	50-60	No		1,991	3,100	1,070				Voltage and Frequency Dependent, Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	480	60	830.0	440.0	0.95	0.98	0.96	0.99	0.96	0.96
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	Symmetra PX250	SY100K250DL-PD		Ac-output UPS	Static	SY100K250DR-PD	100,000	100,000 PD	SY250K250DR-PD	250,000		Multi-Mode Double Conversion	Data Center	380-480	50-60	380-480	50-60	No		1,991	3,100	1,070				Voltage and Frequency Dependent, Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	480	60	830.0	440.0	0.95	0.98	0.96	0.99	0.96	0.96
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	Symmetra PX250	SY100K250DR-PD		Ac-output UPS	Static	SY100K250DR-PD	100,000	100,000 PD	SY250K250DR-PD	250,000		Multi-Mode Double Conversion	Data Center	380-480	50-60	380-480	50-60	No		1,991	3,100	1,070				Voltage and Frequency Dependent, Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	480	60	830.0	440.0	0.95	0.98	0.96	0.99	0.96	0.96
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	Symmetra PX250	SY125K250D		Ac-output UPS	Static	SY100K250DR-PD	100,000	100,000 PD	SY250K250DR-PD	250,000		Multi-Mode Double Conversion	Data Center	380-480	50-60	380-480	50-60	No		1,991	3,100	1,070				Voltage and Frequency Dependent, Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	480	60	830.0	440.0	0.95	0.98	0.96	0.99	0.96	0.96
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	Symmetra PX250	SY125K250DL-PD		Ac-output UPS	Static	SY100K250DR-PD	100,000	100,000 PD	SY250K250DR-PD	250,000		Multi-Mode Double Conversion	Data Center	380-480	50-60	380-480	50-60	No		1,991	3,100	1,070				Voltage and Frequency Dependent, Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	480	60	830.0	440.0	0.95	0.98	0.96	0.99	0.96	0.96
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	Symmetra PX250	SY125K250DL-PDNB		Ac-output UPS	Static	SY100K250DR-PD	100,000	100,000 PD	SY250K250DR-PD	250,000		Multi-Mode Double Conversion	Data Center	380-480	50-60	380-480	50-60	No		1,991	3,100	1,070				Voltage and Frequency Dependent, Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	480	60	830.0	440.0	0.95	0.98	0.96	0.99	0.96	0.96
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	Symmetra PX250	SY125K250DL-NB		Ac-output UPS	Static	SY100K250DR-PD	100,000	100,000 PD	SY250K250DR-PD	250,000		Multi-Mode Double Conversion	Data Center	380-480	50-60	380-480	50-60	No		1,991	3,100	1,070				Voltage and Frequency Dependent, Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	480	60	830.0	440.0	0.95	0.98	0.96	0.99	0.96	0.96
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	Symmetra PX250	SY125K250DR-PD		Ac-output UPS	Static	SY100K250DR-PD	100,000	100,000 PD	SY250K250DR-PD	250,000		Multi-Mode Double Conversion	Data Center	380-480	50-60	380-480	50-60	No		1,991	3,100	1,070				Voltage and Frequency Dependent, Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	480	60	830.0	440.0	0.95	0.98	0.96	0.99	0.96	0.96
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	Symmetra PX250	SY125K250DR-PDNB		Ac-output UPS	Static	SY100K250DR-PD	100,000	100,000 PD	SY250K250DR-PD	250,000		Multi-Mode Double Conversion	Data Center	380-480	50-60	380-480	50-60	No		1,991	3,100	1,070				Voltage and Frequency Dependent, Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	480	60	830.0	440.0	0.95	0.98	0.96	0.99	0.96	0.96
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	Symmetra PX250	SY125K250-NB76		Ac-output UPS	Static	SY100K250DR-PD	100,000	100,000 PD	SY250K250DR-PD	250,000		Multi-Mode Double Conversion	Data Center	380-480	50-60	380-480	50-60	No		1,991	3,100	1,070				Voltage and Frequency Dependent, Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	480	60	830.0	440.0	0.95	0.98	0.96	0.99	0.96	0.96
Schneider Electric	APC, Schneider Electric, APC by Schneider Electric	Symmetra PX250	SY150K250D		Ac-output UPS	Static	SY100K250DR-PD	100,000	100,000 PD	SY250K250DR-PD	250,000		Multi-Mode Double Conversion	Data Center	380-480	50-60	380-480	50-60	No		1,991	3,100	1,070				Voltage and Frequency Dependent, Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	480	60	830.0	440.0	0.95	0.98	0.96	0.99	0.96	0.96

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model Information	Product Type	Power Conversion Mechanism	Minimum Configuration Tested Model Number	Active Output Power Rating Minimum Configuration (W)	Apparent Output Power Rating Minimum Configuration (VA)	Maximum Configuration Tested Model Number	Active Output Power Rating Maximum Configuration (W)	Apparent Output Power Rating Maximum Configuration (VA)	Topology (ac)	Application	Rated Input Voltage (V rms)	Rated Input Frequency (Hz)	Rated Output Voltage (V)	Rated Output Frequency (Hz)	Rack Mountable	Rack Mount Height (U)	Height (mm)	Width (mm)	Depth (mm)	Total Number of Outlets	Number of Battery Backup and Surge Protected Outlets	Number of Surge Protected Only Outlets	Normal Mode(s) Input Dependency Characteristic (ac)	Default Normal Mode (ac)	Test Input Voltage (V rms)	Test Input Frequency (Hz)	Test Output Voltage (V)	Test Output Frequency (Hz)	Total Input Power in W at 9% Load Min Config Lowest Dependency (ac)	Total Input Power in W at 9% Load Min Config Highest Dependency (ac)	Efficiency at 25% Load Min Config Lowest Dependency (ac)	Efficiency at 25% Load Min Config Highest Dependency (ac)	Efficiency at 50% Load Min Config Lowest Dependency (ac)	Efficiency at 50% Load Min Config Highest Dependency (ac)	Efficiency at 75% Load Min Config Lowest Dependency (ac)	Efficiency at 75% Load Min Config Highest Dependency (ac)			
Schneider Electric	APC, Schneider Electric, or APC by Schneider Electric	Symmetra PX500	SY500K500DR-PD		Ac-output UPS	Static	SY100K500DR-PD	100,000	100,000	SY500K500DR-PD	500,000		Multi-Mode Double Conversion	Data Center	380-480	50-60	380-480	50-60	No		1,991	5,200	1,070				Voltage and Frequency Dependent, Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	480	60	830.0	450.0	0.95	0.98	0.96	0.99	0.96	0.96			
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE350G	BE350G		Ac-output UPS	Static	1	200	350	None			Passive Standby	Consumer	120-120	60-60	120-120	60-60	No		89	160	288				Voltage and Frequency Dependent	Voltage and Frequency Dependent	120	60	120	60	2.0		0.97		0.98		0.99	0.99	0.99		
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE350G-CN	BE350G-CN		Ac-output UPS	Static	1	200	350	None			Passive Standby	Consumer	120-120	60-60	120-120	60-60	No		89	160	288				Voltage and Frequency Dependent	Voltage and Frequency Dependent	120	60	120	60	2.0		0.97		0.98		0.99	0.99	0.99		
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE450G	BE450G		Ac-output UPS	Static	1	390	650	None			Other	Consumer	120-120	60-60	120-120	60-60	No		88	180	302				Voltage and Frequency Dependent	Voltage and Frequency Dependent	120	60	120	60	2.4		0.97		0.98		0.99	0.99	0.99		
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE450G-CN	BE450G-CN		Ac-output UPS	Static	1	390	650	None			Other	Consumer	120-120	60-60	120-120	60-60	No		88	180	302				Voltage and Frequency Dependent	Voltage and Frequency Dependent	120	60	120	60	2.4		0.97		0.98		0.99	0.99	0.99		
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE550G	BE550G		Ac-output UPS	Static	1	330	550	None			Other	Consumer	120-120	60-60	120-120	60-60	No		88	180	302				Voltage and Frequency Dependent	Voltage and Frequency Dependent	120	60	120	60	2.4		0.97		0.99		0.99	0.99	0.99		
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE550G-CN	BE550G-CN		Ac-output UPS	Static	1	330	550	None			Other	Consumer	120-120	60-60	120-120	60-60	No		88	180	302				Voltage and Frequency Dependent	Voltage and Frequency Dependent	120	60	120	60	2.4		0.97		0.99		0.99	0.99	0.99		
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE550GW	BE550GW		Ac-output UPS	Static	1	330	550	None			Other	Consumer	120-120	60-60	120-120	60-60	No		88	180	302				Voltage and Frequency Dependent	Voltage and Frequency Dependent	120	60	120	60	2.4		0.97		0.99		0.99	0.99	0.99		
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE650G1	BE650G1		Ac-output UPS	Static	1	390	650	None			Other	Consumer	120-120	60-60	120-120	60-60	No		88	180	302				Voltage and Frequency Dependent	Voltage and Frequency Dependent	120	60	120	60	2.48		0.98		0.99		0.99	0.99	0.99		
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE650G1-CN	BE650G1-CN		Ac-output UPS	Static	1	390	650	None			Other	Consumer	120-120	60-60	120-120	60-60	No		88	180	302				Voltage and Frequency Dependent	Voltage and Frequency Dependent	120	60	120	60	2.48		0.98		0.99		0.99	0.99	0.99		
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE750G	BE750G		Ac-output UPS	Static	1	450	750	None			Passive Standby	Consumer	120-120	60-60	120-120	60-60	No		90	180	363				Voltage and Frequency Dependent	Voltage and Frequency Dependent	120	60	120	60	3.55		0.97		0.98		0.99	0.99	0.99	1	1
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE750G-CN	BE750G-CN		Ac-output UPS	Static	1	450	750	None			Passive Standby	Consumer	120-120	60-60	120-120	60-60	No		90	180	363				Voltage and Frequency Dependent	Voltage and Frequency Dependent	120	60	120	60	3.55		0.97		0.98		0.99	0.99	0.99	1	1
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BN4001	BN4001		Ac-output UPS	Static	1	390	650	None			Other	Consumer	120-120	60-60	120-120	60-60	No		88	180	302				Voltage and Frequency Dependent	Voltage and Frequency Dependent	120	60	120	60	2.4		0.97		0.98		0.99	0.99	0.99	0.99	
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BR1000G	BR1000G		Ac-output UPS	Static	1	600	1,000				Other	Consumer	120-120	60-60	120-120	60-60	No		250	100	382	0	0		Voltage and Frequency 0 Dependent	Voltage and Frequency Dependent	120	60	120	60	7.46		0.95		0.97		0.98	0.98	0.98	0.98	
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BR700G	BR700G		Ac-output UPS	Static	1	420	700				Other	Consumer	120-120	60-60	120-120	60-60	No		190	91	310				Voltage and Frequency Dependent	Voltage and Frequency Dependent	120	60	120	60	5.78		0.95		0.97		0.98	0.98	0.98	0.98	
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BX1000G	BX1000G		Ac-output UPS	Static	1	600	1,000				Other	Consumer	120-120	60-60	120-120	60-60	No		250	100	382	0	0		Voltage and Frequency 0 Dependent	Voltage and Frequency Dependent	120	60	120	60	7.46		0.95		0.97		0.98	0.98	0.98	0.98	
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BX1000G-CA	BX1000G-CA		Ac-output UPS	Static	1	600	1,000				Other	Consumer	120-120	60-60	120-120	60-60	No		250	100	382	0	0		Voltage and Frequency 0 Dependent	Voltage and Frequency Dependent	120	60	120	60	7.46		0.95		0.97		0.98	0.98	0.98	0.98	
Schneider Electric	APC, Schneider Electric, or APC by Schneider Elect	POWER SAVING BACKUPS NS 1350VA	BN1350G		Ac-output UPS	Static	BN1350G	810	1,350				Other	Consumer	120-120	60-60	120-120	60-60	No		301	112	382				Voltage Independent	Voltage Independent	120	60	120	60	4.72		0.97		0.98		0.99	0.99	0.99	0.99	
Toshiba International Corporation	Toshiba	G9000 100kVA	T90S3S10K96X SN		Ac-output UPS	Static	T90S3S10K96X SN	90,000	100,000				Double Conversion	Data Center	480-480	60-60	480-480	60-60	No		2,047	700	832				Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	480	60	1196.0		0.93		0.95		0.96	0.96	0.96	0.96	
Toshiba International Corporation	Toshiba	G9000 160kVA	T90S3S16K96X SN		Ac-output UPS	Static	T90S3S16K96X SN	144,000	160,000				Double Conversion	Data Center	480-480	60-60	480-480	60-60	No		2,047	900	832				Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	480	60	1499.0		0.95		0.96		0.97	0.97	0.97	0.97	
Toshiba International Corporation	Toshiba	G9000 225kVA	T90S3S22K96X SN		Ac-output UPS	Static	T90S3S22K96X SN	202,500	225,000				Double Conversion	Data Center	480-480	60-60	480-480	60-60	No		2,047	900	832				Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	480	60	1644.0		0.95		0.96		0.97	0.97	0.97	0.97	
Toshiba International Corporation	Toshiba	G9000 300kVA	T90S3S30K96X SN		Ac-output UPS	Static	T90S3S30K96X SN	300,000	300,000				Double Conversion	Data Center	480-480	60-60	480-480	60-60	No		2,050	1,300	831				Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	480	60	2652.0		0.95		0.97		0.97	0.97	0.97	0.97	
Toshiba International Corporation	Toshiba	G9000 500kVA	T90S3S50K96X SN		Ac-output UPS	Static	T90S3S50K96X SN	500,000	500,000				Double Conversion	Data Center	480-480	60-60	480-480	60-60	No		2,050	1,800	831				Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	480	60	3917.0		0.95		0.96		0.96	0.96	0.96	0.96	

Energy Storage System Runtime at 100% Load (min)	Energy Storage System Runtime at 80% Load (min)	Energy Storage System Warranty (yr)	Energy Storage System Information URL	Battery Recycling URL	Network Connections Available	Communication Protocols	Communication Other	Data Provided via Network Communication	Data Visually Displayed	Output Energy Meter Integral or External to the UPS	Meets ENERGY STAR Optional Metering Requirements	External Meter and Model Name	External Meter URL	Energy Measurement Accuracy Class	Life Cycle Assessment URL	Manufacturer Take Back Program	Manufacturer Take Back Program URL	Model Web Page URL	Date Available on Market	Date Qualified	Markets	ENERGY STAR Model Identifier
1	NA	NA	http://www.apc.com	http://www.apc.com	None	None	None	No Network Comms	No Display	No Energy Meter	No			N/A	http://www.apc.com	Yes	http://www.apc.com/site/recycle/index.cfm?base_sku=SY500K900R-PD	http://www.apc.com/resource/include/techspec_index.cfm?base_sku=SY500K900R-PD	10/11/2008	12/13/2012	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Canada	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) SY500K900R-PD_0105201310_4726_8446841
8	3	3	http://www.apc.com	http://www.apc.com	None	None	None	No Network Comms	No Display	No Energy Meter	N/A	N/A	N/A	N/A	None	Yes	http://www.apc.com/site/recycle/index.cfm?base_sku=BE350G&tab=watts-200&tab=reviews	http://www.apc.com/products/resource/include/techspec_index.cfm?base_sku=BE350G&tab=watts-200&tab=reviews	8/1/2012	12/13/2012	United States	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) BE350G_08082_012170417_5457115
8	3	3	http://www.apc.com	http://www.apc.com	None	None	None	No Network Comms	No Display	No Energy Meter	N/A	N/A	N/A	N/A	None	Yes	http://www.apc.com/site/recycle/index.cfm?base_sku=BE350G&tab=watts-200&tab=reviews	http://www.apc.com/products/resource/include/techspec_index.cfm?base_sku=BE350G&tab=watts-200&tab=reviews	8/1/2012	12/13/2012	United States	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) BE350G_0808201217_0440_5480750
60	1 year	1 year	http://www.apc.com		None	None	None	No Network Comms	No Display	No Energy Meter	N/A	N/A	N/A	N/A	None	Yes	http://www.apc.com/site/recycle/index.cfm?base_sku=BE650G1	http://www.apc.com/products/resource/include/techspec_index.cfm?base_sku=BE650G1	8/1/2012	8/9/2012	United States	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) BE450G_08212_012141732_3652152
60	1 year	1 year	http://www.apc.com		None	None	None	No Network Comms	No Display	No Energy Meter	N/A	N/A	N/A	N/A	None	Yes	http://www.apc.com/site/recycle/index.cfm?base_sku=BE650G1	http://www.apc.com/products/resource/include/techspec_index.cfm?base_sku=BE650G1	8/1/2012	8/9/2012	United States	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) BE450G_0821201214_1829_3709970
3	11	3	http://www.apc.com	http://www.apc.com	USB Port	None	None	No Network Comms	No Display	No Energy Meter	N/A	N/A	N/A	N/A	None	Yes	http://www.apc.com/site/recycle/index.cfm?base_sku=BE650G1	http://www.apc.com/products/resource/include/techspec_index.cfm?base_sku=BE650G1	8/1/2012	12/13/2012	United States	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) BE500G_08092_012191545_9745913
3	11	3	http://www.apc.com	http://www.apc.com	USB Port	None	None	No Network Comms	No Display	No Energy Meter	N/A	N/A	N/A	N/A	None	Yes	http://www.apc.com/site/recycle/index.cfm?base_sku=BE650G1	http://www.apc.com/products/resource/include/techspec_index.cfm?base_sku=BE650G1	8/1/2012	12/13/2012	United States	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) BE500G_0809201219_1613_3772329
3	11	3	http://www.apc.com	http://www.apc.com	USB Port	None	None	No Network Comms	No Display	No Energy Meter	N/A	N/A	N/A	N/A	None	Yes	http://www.apc.com/site/recycle/index.cfm?base_sku=BE650G1	http://www.apc.com/products/resource/include/techspec_index.cfm?base_sku=BE650G1	8/1/2012	12/13/2012	United States	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) BE500G_0809201219_161650_9810445
60	1	1	http://www.apc.com	http://www.apc.com	None	None	None	No Network Comms	No Display	No Energy Meter	N/A		N/A	N/A	None	Yes	http://www.apc.com/site/recycle/index.cfm?base_sku=BE650G1	http://www.apc.com/products/resource/include/techspec_index.cfm?base_sku=BE650G1	8/1/2012	7/25/2012	United States	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) BE650G1_0822201214654_1214627
60	1	1	http://www.apc.com	http://www.apc.com	None	None	None	No Network Comms	No Display	No Energy Meter	N/A		N/A	N/A	None	Yes	http://www.apc.com/site/recycle/index.cfm?base_sku=BE650G1	http://www.apc.com/products/resource/include/techspec_index.cfm?base_sku=BE650G1	8/1/2012	7/25/2012	United States	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) BE650G1_082201218_4804_1234300
3	13	3	http://www.apc.com	http://www.apc.com	USB Port	None	None	No Network Comms	No Display	No Energy Meter	N/A	N/A	N/A	N/A	None	Yes	http://www.apc.com/site/recycle/index.cfm?base_sku=BE750G	http://www.apc.com/products/resource/include/techspec_index.cfm?base_sku=BE750G	8/1/2012	12/13/2012	United States	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) BE750G_08082_012170516_5518999
3	13	3	http://www.apc.com	http://www.apc.com	USB Port	None	None	No Network Comms	No Display	No Energy Meter	N/A	N/A	N/A	N/A	None	Yes	http://www.apc.com/site/recycle/index.cfm?base_sku=BE750G	http://www.apc.com/products/resource/include/techspec_index.cfm?base_sku=BE750G	8/1/2012	12/13/2012	United States	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) BE750G_0808201217_032_3522444
60	1 year	1 year	http://www.apc.com		None	None	None	No Network Comms	No Display	No Energy Meter	N/A	N/A	N/A	N/A	None	Yes	http://www.apc.com/site/recycle/index.cfm?base_sku=BE650G1	http://www.apc.com/products/resource/include/techspec_index.cfm?base_sku=BE650G1	8/1/2012	8/9/2012	United States	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) BN4001_08212012141918_8758478
2	www.apc.com	8 hours	1 year	http://www.apc.com	http://www.apc.com	None	None	No Network Comms	No Display	Integral Meter Insta	N/A				Yes	http://www.apc.com/site/recycle/index.cfm?base_sku=BR1000&tab=model	http://www.apc.com/products/resource/include/techspec_index.cfm?base_sku=BR1000&tab=model	8/1/2012	8/15/2012	United States	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) BR1000G_08162012130743_2463248	
hours	8 hours	1 year	http://www.apc.com	http://www.apc.com	None	None	None	No Network Comms	No Display	Integral Meter Insta	N/A		N/A		Yes	http://www.apc.com/site/recycle/index.cfm?base_sku=BR700G&tab=models	http://www.apc.com/products/resource/include/techspec_index.cfm?base_sku=BR700G&tab=models	8/1/2012	8/14/2012	United States	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) BR700G_08222_012195938_3578837	
hours	8 hours	1 year	http://www.apc.com	http://www.apc.com	None	None	None	No Network Comms	No Display	Integral Meter Insta	N/A				Yes	http://www.apc.com/site/recycle/index.cfm?base_sku=BR1000&tab=model	http://www.apc.com/products/resource/include/techspec_index.cfm?base_sku=BR1000&tab=model	8/1/2012	8/15/2012	United States	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) BX1000G_08162012130743_2488765	
hours	8 hours	1 year	http://www.apc.com	http://www.apc.com	None	None	None	No Network Comms	No Display	Integral Meter Insta	N/A				Yes	http://www.apc.com/site/recycle/index.cfm?base_sku=BR1000&tab=model	http://www.apc.com/products/resource/include/techspec_index.cfm?base_sku=BR1000&tab=model	8/1/2012	8/15/2012	United States, Canada	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) BX1000G_08162012130743_2488765	
3	14	3	http://www.apc.com	http://www.apc.com	USB Port	None	None	No Network Comms	No Display	No Energy Meter	N/A	N/A	N/A	N/A	None	Yes	http://www.apc.com/site/recycle/index.cfm?base_sku=BN1350G	http://www.apc.com/products/resource/include/techspec_index.cfm?base_sku=BN1350G	10/11/2012	7/25/2012	United States, Canada	ES_1105798_A MERICAN POWER CONVERSION CORP (14562) BN1350G_1112_201202052_5652819
A	N/A	N/A	N/A		Serial Port	Modbus TCP,Other	BACNET; METASY Output Current,Out	Output Current,Out	No Energy Meter	No					No	No	http://www.toshiba.com/m/nd/	http://www.toshiba.com/m/nd/	9/1/2008	12/4/2012	United States	ES_1105798_T OSHIBA INTERNATIONAL L CORP (141067) T90SS310K56X SN_1204201218333_6011554
A	N/A	N/A	N/A		Serial Port	Modbus TCP,Other	BACNET; METASY Output Current,Out	Output Current,Out	No Energy Meter	No					No	No	http://www.toshiba.com/m/nd/	http://www.toshiba.com/m/nd/	9/1/2008	12/4/2012	United States	ES_1105798_T OSHIBA INTERNATIONAL L CORP (141067) T90SS316K56X SN_1204201218333_6013060
A	N/A	N/A	N/A		Serial Port	Modbus TCP,Other	BACNET; METASY Output Current,Out	Output Current,Out	No Energy Meter	No					No	No	http://www.toshiba.com/m/nd/	http://www.toshiba.com/m/nd/	9/1/2008	12/4/2012	United States	ES_1105798_T OSHIBA INTERNATIONAL L CORP (141067) T90SS322K56X SN_1204201218334_6014457
A	N/A	N/A	N/A		Serial Port	Modbus TCP,Other	BACNET; METASY Output Current,Out	Output Current,Out	No Energy Meter	No					No	No	http://www.toshiba.com/m/nd/	http://www.toshiba.com/m/nd/	6/1/2009	12/4/2012	United States	ES_1105798_T OSHIBA INTERNATIONAL L CORP (141067) T90SS328K56X SN_12042012183015_5815714
A	N/A	N/A	N/A		Serial Port	Modbus TCP,Other	BACNET; METASY Output Current,Out	Output Current,Out	No Energy Meter	No					No	No	http://www.toshiba.com/m/nd/	http://www.toshiba.com/m/nd/	6/1/2009	12/4/2012	United States	ES_1105798_T OSHIBA INTERNATIONAL L CORP (141067) T90SS359K56X SN_12042012183337_6017067

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model Information	Product Type	Power Conversion Mechanism	Minimum Configuration Tested Model Number	Active Output Power Rating Minimum Configuration (W)	Apparent Output Power Rating Minimum Configuration (VA)	Maximum Configuration Tested Model Number	Active Output Power Rating Maximum Configuration (W)	Apparent Output Power Rating Maximum Configuration (VA)	Topology (ac)	Application	Rated Input Voltage (V rms)	Rated Input Frequency (Hz)	Rated Output Voltage (V)	Rated Output Frequency (Hz)	Rack Mountable	Rack Mount Height (U)	Height (mm)	Width (mm)	Depth (mm)	Total Number of Outlets	Number of Battery Backup and Surge Protected Outlets	Number of Surge Protected Only Outlets	Normal Mode(s) Input Dependency Characteristic (ac)	Default Normal Mode (ac)	Test Input Voltage (V rms)	Test Input Frequency (Hz)	Test Output Voltage (V)	Test Output Frequency (Hz)	Total Input Power in W at 9% Load Min Config Lowest Dependency (ac)	Total Input Power in W at 9% Load Min Config Highest Dependency (ac)	Efficiency at 25% Load Min Config Lowest Dependency (ac)	Efficiency at 25% Load Min Config Highest Dependency (ac)	Efficiency at 50% Load Min Config Lowest Dependency (ac)	Efficiency at 50% Load Min Config Highest Dependency (ac)	Efficiency at 75% Load Min Config Lowest Dependency (ac)	Efficiency at 75% Load Min Config Highest Dependency (ac)
Toshiba International Corporation	Toshiba	G9000 750kVA	T90S3S75KSGX SN		Ac-output UPS	Static	T90S3S75KSGX SN	750,000	750,000				Double Conversion	Data Center	480-480	60-60	480-480	60-60	No		2,050	2,300	831				Voltage and Frequency Independent	Voltage and Frequency Independent	480	60	480	60	5807.0		0.96		0.97		0.97	
Tripp Lite, Div of Tripp MFG. Co.	Tripp Lite	AGBC5758	EC0750UPS		Ac-output UPS	Static	N/A	450	452 NA				Passive Standby	Consumer	120-120	60-60	115-120	60-60	No		76	178	305	12	6		Voltage and Frequency 6 Dependent	Voltage and Frequency Dependent	120	60	120	60	4.2		0.97		0.98		0.98	

Definitions for Uninterruptible Power Supplies (UPS) Product Listing C

Column Header	Definition
ENERGY STAR Partner	An organization that signed a Partnership Agreement with EPA to manufacturer or private label ENERGY STAR qualified products.
Brand	An identifier assigned by the manufacturer or private labeler to a product or family/series of products for sales and marketing purposes.
Model Name	An identifier assigned by the manufacturer or private labeler to a product or family/series of products for sales and marketing purposes.
Model Number	A distinguishing identifier, usually alphanumeric, assigned to a product by the manufacturer or private labeler.
Additional Model Information	This column includes for the qualified model or family, family members, additional model names, model numbers and other identifying information associated with a product or family/series of products for sales and marketing purposes. Other identifying information includes, but is not limited to, SKUs, UPC codes, retail numbers, and/or descriptions of models included/not included in the reported Model Family.
Product Type	The type of power output supplied by the UPS classified as Alternating Current (Ac)-output UPS with a continuous flow of electrical charge that periodically reverses direction and Direct Current (Dc)-output UPS/Rectifier with a continuous flow of electric charge that is unidirectional.
Power Conversion Mechanism	The power conversion mechanism classified as Static UPS where solid-state power electronic components provide the output voltage and Rotary UPS where one or more electrical rotating machines provide the output voltage.
Minimum Configuration Tested Model Number	The model number of the specific tested single configuration model of a non-Modular UPS or the minimum configuration model of a Modular UPS. A Modular UPS is comprised of two or more single UPS modules, sharing one or more common frames and a common energy storage system, whose outputs, in normal mode of operation, are connected to a common output bus contained entirely within the frame(s). Modular UPSs may be used to provide redundancy, to scale capacity or both. For qualification of a Modular UPS Product Family, both the minimum and maximum configuration models are tested.
Active Output Power Rating Minimum Configuration (W)	The actual power supplied to the maximum load for which the minimum configuration model is designed or rated to support.
Apparent Output Power Rating Minimum Configuration (VA)	The product of the current and voltage of the circuit operating at the maximum load the minimum configuration model is designed or rated to support.
Maximum Configuration Tested Model Number	The model number of the maximum configuration tested model for the qualification of a Modular UPS Product Family.

Column Headers

Column Header	Definition
Active Output Power Rating Maximum Configuration (W)	The actual power supplied to the maximum load for which the maximum configuration model is designed or rated to support.
Apparent Output Power Rating Maximum Configuration (VA)	The product of the current and voltage of the circuit operating at the maximum load the maximum configuration model is designed or rated to support.
Topology (ac)	Indicates the basic design of the model.
Application	Indicates the intended application(s) for the model. Consumer models are intended to protect desktop computers and related peripherals, and/or home entertainment devices such as TVs, set-top boxes, DVRs, Blu-ray and DVD players. Commercial models are intended to protect small business and branch office information and communication technology equipment such as servers, network switches and routers, and small storage arrays. Data Center models are intended to protect large installations of information and communication technology equipment such as enterprise servers, networking equipment, and large storage arrays.
Rated Input Voltage (V rms) Range	Indicates the input voltage range (V rms) for which the UPS is rated (i.e. nameplate value) to operate.
Rated Input Frequency (Hz) Range	Indicates the input frequency (Hz) range for which the UPS is rated (i.e. nameplate value) to operate.
Rated Output Voltage (V rms) Range	Indicates the output voltage (V) range for which the UPS is rated (i.e. nameplate value) to operate.
Rated Output Frequency (Hz)	Indicates the output frequency (Hz) range for which the UPS is rated (i.e. nameplate value) to operate.
Rack Mountable	Indicates whether the model can be mounted to a rack typically found in server closets, data centers, and telecommunications offices.
Rack Mount Height (U)	Indicates the rack mount height for the model in rack units or "U", equal to 1.75 in (44.45 mm).
Height (mm)	The physical height of the model in millimeters, not including any external energy storage system with separate enclosures.
Width (mm)	The physical width of the model in millimeters, not including any external energy storage system with separate enclosures.
Depth (mm)	The physical depth of the model in millimeters, not including any external energy storage system with separate enclosures.
Total Number of Outlets	Indicates the total number of outlets/output connections provided by the model.
Number of Battery Backup and Surge Protected Outlets	Indicates the total number of battery backup and surge protected outlets provided by the model.
Number of Surge Protected Only Outlets	Indicates the total number of surge protected only outlets provided by the model.

Column Header	Definition
Normal Mode(s) Input Dependency Characteristic (ac)	<p>The capability of an Ac-output UPS to operate in one or more Normal Modes classified by input dependency characteristic (ordered from highest to lowest input dependency):</p> <p>Voltage and Frequency Dependent (VFD): Capable of protecting the load from power outage</p> <p>Voltage Independent (VI): Capable of protecting the load as required for VFD, above, and in addition from under-voltage applied continuously to the input and over-voltage applied continuously to the input</p> <p>Voltage and Frequency Independent (VFI): Independent of voltage and frequency variations and capable of protecting the load against adverse effects from such variation without depleting the stored energy source</p> <p>Input dependency characteristic is not applicable to Dc-output UPS/ Rectifier models.</p>
Default Normal Mode	Indicates the default Normal Mode of the model in its as-shipped configuration.
Test Input Voltage (V rms)	The input voltage used during the ENERGY STAR test.
Test Input Frequency (Hz)	The input frequency used during the ENERGY STAR test.
Test Output Voltage (V)	The output voltage used during the ENERGY STAR test.
Test Output Frequency (Hz)	The output voltage used during the ENERGY STAR test.
Total Input Power in W at 0% Load Min Config Lowest Dependency (ac)	The Total Real Input Power at 0% Load in W for the minimum configuration model in the lowest input dependency mode.
Total Input Power in W at 0% Load Min Config Highest Dependency (ac)	The Total Real Input Power at 0% Load in W for the minimum configuration model in the highest input dependency mode.
Efficiency at 25% Load Min Config Lowest Dependency (ac)	For ac minimum configuration models, the calculated efficiency expressed as a decimal based on measured test data at the following loads: 25%, 50%, 75%, 100%. For multiple-normal-mode UPSs, the efficiency in the highest dependency is also reported.
Efficiency at 25% Load Min Config Highest Dependency	Same as above.
Efficiency at 50% Load Min Config Lowest Dependency	Same as above.
Efficiency at 50% Load Min Config Highest Dependency	Same as above.
Efficiency at 75% Load Min Config Lowest Dependency (ac)	Same as above.
Efficiency at 75% Load Min Config Highest Dependency	Same as above.
Efficiency at 100% Load Min Config Lowest Dependency	Same as above.
Efficiency at 100% Load Min Config Highest Dependency	Same as above.

Column Header	Definition
Weighted Efficiency Calc Min Config Lowest Dependency	The calculated average efficiency of the minimum configuration model operating at specified percentages of the rated load. The average efficiency is weighted to reflect the expected utilization of the UPS. For a Multiple-normal-mode Ac-output UPS, the model is supplying power to the load in its lowest-input dependency normal mode (i.e., VFD).
Weighted Efficiency Calc Min Config Highest Dependency	The calculated average efficiency of the minimum configuration Multiple-normal-mode Ac-output UPS model operating in the highest-input dependency normal mode (i.e., VFI or VI) at specified percentages of the rated load. The average efficiency is weighted to reflect the expected utilization of the UPS. This column does not apply to Dc-output UPSs which are tested in a single mode only.
Total Input Power in W at 0% Load Minimum Configuration (dc)	The Total Real Input Power at 0% load in W for the minimum configuration dc model.
Efficiency at 30% Load Minimum Configuration (dc)	For dc minimum configuration models, the calculated efficiency expressed as a decimal based on measured test data.
Efficiency at 40% Load Minimum Configuration (dc)	Same as above.
Efficiency at 50% Load Minimum Configuration (dc)	Same as above.
Efficiency at 60% Load Minimum Configuration (dc)	Same as above.
Efficiency at 70% Load Minimum Configuration (dc)	Same as above.
Efficiency at 80% Load Minimum Configuration (dc)	Same as above.
Minimum Configuration Input Power Factor Lowest-Input Dependency	The ratio of active input power to apparent input power of the minimum configuration model operating at 100 percent rated load in the lowest-input dependency normal mode.
Minimum Configuration Input Power Factor Highest-Input Dependency	The ratio of active input power to apparent input power of the minimum configuration model operating at 100 percent rated load in the highest-input dependency normal mode of a Multiple-normal-mode Ac-output UPS. This column does not apply to Dc-output UPSs which are tested in a single mode only.
Total Input Power in W at 0% Load Max Config Lowest Dependency (ac)	The ratio of active input power to apparent input power of the maximum configuration model operating at 100 percent rated load in the lowest-input dependency normal mode.
Total Input Power in W at 0% Load Max Config Highest Dependency (ac)	The ratio of active input power to the apparent input power of the maximum configuration model operating at 100 percent rated load in the highest-input dependency normal mode of a Multiple-normal-mode Ac-output UPS. This column does not apply to Dc-output UPSs which are tested in a single mode only.

Column Header	Definition
Efficiency at 25% Load Max Config Lowest Dependency (ac)	For ac maximum configuration models, the calculated efficiency expressed as a decimal based on measured test data at the following loads: 25%, 50%, 75%, 100%. For multiple-normal-mode UPSs, the efficiency in the highest dependency is also reported.
Efficiency at 25% Load Max Config Highest Dependency	Same as above.
Efficiency at 50% Load Max Config Lowest Dependency	Same as above.
Efficiency at 50% Load Max Config Highest Dependency	Same as above.
Efficiency at 75% Load Max Config Lowest Dependency	Same as above.
Efficiency at 75% Load Max Config Highest Dependency	Same as above.
Efficiency at 100% Load Max Config Lowest Dependency	Same as above.
Efficiency at 100% Load Max Config Highest Dependency	Same as above.
Weighted Efficiency Calc Max Config Lowest Dependency	The calculated average efficiency of the maximum configuration model operating at specified percentages of the rated load. The average efficiency is weighted to reflect the expected utilization of the UPS. For a Multiple-normal-mode Ac-output UPS, the model is supplying power to the load in its lowest-input dependency normal mode (i.e., VFD).
Weighted Efficiency Calc Max Config Highest Dependency	The calculated average efficiency of the maximum configuration Multiple-normal-mode Ac-output UPS model operating in the highest-input dependency normal mode (i.e., VFI or VI) at specified percentages of the rated load. The average efficiency is weighted to reflect the expected utilization of the UPS. This column does not apply to Dc-output UPSs which are tested in a single mode only.
Total Input Power in W at 0% Load Maximum Configuration (dc)	The Total Real Input Power at 0% load in W for the maximum configuration dc model.
Efficiency at 30% Load Maximum Configuration (dc)	For dc maximum configuration models, the calculated efficiency expressed as a decimal based on measured test data.
Efficiency at 40% Load Maximum Configuration (dc)	Same as above.
Efficiency at 50% Load Maximum Configuration (dc)	Same as above.
Efficiency at 60% Load Maximum Configuration (dc)	Same as above.
Efficiency at 70% Load Maximum Configuration (dc)	Same as above.
Efficiency at 80% Load Maximum Configuration (dc)	Same as above.

Column Header	Definition
Maximum Configuration Input Power Factor Lowest-Input Dependency	The ratio of active input power to apparent input power of the maximum configuration model operating at 100 percent rated load in the lowest-input dependency normal mode.
Maximum Configuration Input Power Factor Highest-Input Dependency	<p>The ratio of active input power to apparent input power of the maximum configuration model operating at 100 percent rated load in the highest-input dependency normal mode of a Multiple-normal-mode Ac-output UPS.</p> <p>This column does not apply to Dc-output UPSs which are tested in a single mode only.</p>
Modular UPS Module Tested Model Number	For Modular UPS, indicates the model or part number of the installed module(s) in the specific tested model's chassis of the unit under test.
Energy Storage Mechanism	The mechanism of energy storage to provide power when the ac input power is disconnected or is out of the required tolerance range.
Energy Storage System Technology	Indicates the technology/chemistry of the energy storage system.
Energy Storage System Configuration	Indicates whether the energy storage system is integral to the model (i.e. installed in the chassis) or contained in a separate enclosure.
Energy Storage System Removable to Another Room	Indicates whether the energy storage system can be removed from the UPS for placement in another room, to allow the placement of the UPS in an unconditioned space, saving energy.
Energy Storage System Runtime at 100% Load (min)	Indicates the runtime at 100% resistive load of the energy storage system tested with the model in minutes.
Energy Storage System Runtime at 50% Load (min)	Indicates the runtime at 50% resistive load of the energy storage system tested with the model in minutes.
Energy Storage System Warranty (yr)	The manufacturer warranty provided for the energy storage system tested with the model.
Energy Storage System Information URL	A web URL to additional information about the energy storage system, such as configuration options; capacities; runtimes, etc. provided by the ENERGY STAR Partner or an energy storage system vendor.
Battery Recycling URL	A web URL for information about battery recycling programs.
Network Connections Available	Indicates the available network connections for management of the model.
Communication Protocols	Indicates the communication protocols available on the model and/or the meter.
Communication Protocol Other	Specifies the type of communication protocol if other.
Data Provided via Network Communication	Indicates which data are provided via network communication capability on the model and/or meter.
Data Visually Displayed	Indicates which data are visually displayed on the model and/or meter.

Column Header	Definition
Output Energy Meter Integral or External to the UPS	Indicates the availability of an output energy meter which may be installed in the UPS or bundled with the UPS at sale. An output energy meter supports IT energy consumption monitoring and evaluation including the calculation of Power Usage Effectiveness in data center environments.
Meets ENERGY STAR Optional Metering Requirements	For models with rated output power greater than 10,000 W, indicates whether the model(s) meet(s) ENERGY STAR Version 1.0 metering requirements.
External Meter Manufacturer and Model Name	For models with a bundled external energy meter, indicates the manufacturer name and model name of the meter.
External Meter URL	For models with a bundled external energy meter, a web URL for more information about the meter.
Energy Measurement Accuracy Class	If the model is sold with an external energy meter, indicates the meter's highest accuracy class as specified in IEC 62053-21, IEC 62053-22, or ANSI C12.1.
Life Cycle Assessment URL	A web URL to the life-cycle assessment of the model if available.
Manufacturer Take Back Program	Indicates whether the manufacturer offers a UPS take-back program in the U.S.
Manufacturer Take Back Program URL	A web URL to manufacturer take-back program if available.
Model Web Page URL	A web URL for more information about the certified model.
Date Available on Market	The date that the model is available for purchase.
Date Qualified	The date on which the product was confirmed to meet the ENERGY STAR specification.
Markets	This list/dataset includes products sold in the U.S. and/or Canada and other ENERGY STAR partner countries.
ENERGY STAR Model Identifier	A unique string of characters used to identify models with the same performance characteristics. This sequence is generated by certification bodies and is reported as a single row of data on the lists of certified products.

Key Efficiency Criteria

Qualified models meet all ENERGY STAR requirements as listed in the Version 1.0 ENERGY STAR Program Requirements for Uninterruptible Power Supplies that are effective as of August 1, 2012.

Version 1.0 Requirements			
Ac-output UPS Minimum Average Efficiency Requirement			
Minimum Average Efficiency Requirement (EffAVG_MIN), Where:			
<ul style="list-style-type: none"> • P is the Rated Output Power in watts (W), and • ln is the natural logarithm. 			
Rated Output Power	Input Dependency Characteristic		
	VFD	VI	VFI
P ≤ 1500 W	0.967		0.0099 x ln(P)+0.815
1500 W < P ≤ 10,000 W	0.97	0.967	
P > 10,000 W	0.97	0.95	0.0099 x ln(P)+0.805
Ac-output UPS Minimum Average Efficiency Requirement for Products with Metering and Communications Capability			
Minimum Average Efficiency Requirement (EffAVG_MIN), Where:			
<ul style="list-style-type: none"> • P is the Rated Output Power in watts (W), and • ln is the natural logarithm. 			
Rated Output Power	Input Dependency Characteristic		
	VFD	VI	VFI
P > 10,000 W	0.96	0.94	0.0099 x ln(P)+0.795
Dc-output UPS/Rectifier Minimum Average Efficiency Requirement			
Minimum Average Efficiency Requirement (EffAVG_MIN)			
0.955			
Dc-output UPS/Rectifier Minimum Average Efficiency Requirement for Products with Metering and Communications Capability			
Rated Output Power	Minimum Average Efficiency Requirement (EffAVG_MIN)		
P > 10,000 W	0.945		