

**External Power Supplies Ac-Dc QP List
List Current as of November 04, 2008**

*Power supplies with greater than or equal to 100W input power must have a true power factor of 0.9 or greater at 100% of rated load when tested at 115 volts @ 60Hz

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Acbel Polytech Inc.	AD7012	100-240	50-60	90	19.5	0.002	89.71%	0.99	0.003	87.91%
Acbel Polytech Inc.	AD8027	100-240	50-60	130	19.5	0.002	88.54%	0.99	0.02	89%
Acbel Polytech Inc.	WA8077	100-240	50-60	4.2	6	0.15	73.71%	0.448	0.085	73.18%
Acbel Polytech Inc.	WA8078	100-120	50-60	6	5	0.072	73.66%	0.52		0%
Actiontec Electronics Inc.	STD-10016 U	100-120	50-60	16	10	.22	82.11%	.484	.24	81.65%
Asian Power Devices INC.	DA-24B12-F AA	100-240	50-60	24	12	0.091	84.39%	0.593	0.16	84.91%
Asian Power Devices INC.	DA-24C24	100-240	50-60	24	24	0.126	85.46%	0.567	0.123	83.9%
Asian Power Devices INC.	DA-24D12-A XX	100-240	50-60	24	12	0.12	83.53%	0.533	0.205	83.32%
Asian Power Devices INC.	DA-24E12 (PS8340A)	100-240	50-60	24	12	0.223	84.22%	0.554	0.273	83.32%

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Asian Power Devices INC.	DA-24F12-A XX	100-240	50-60	24	12	0.141	84.24%	0.499	0.240	82.97%
Asian Power Devices INC.	DA-36F24-X XX	100-240	50-60	36	24	0.296	86.4%	0.485	0.258	85.55%
Asian Power Devices INC.	DA-36J12-A XX	100-240	50-60	36	12	0.202	85.4%	0.537	0.281	84.83%
Asian Power Devices INC.	DA-42I12-A	100-240	50-60	42	12	0.180	86.08%	0.543	0.250	85.64%
Asian Power Devices INC.	DA-50A24	100-240	50-60	50	24	0.339	88.25%	0.618	0.497	88.01%
Asian Power Devices INC.	DA-60A36	100-240	50-60	60	36	0.025	89%	0.620	0.187	89.16%
Asian Power Devices INC.	DA74B36-X XX	100-125	50-60	74	36	0.125	87.43%	0.59		0%
Asian Power Devices INC.	NB-65B19-A XX	100-240	50-60	65	19	0.208	87.99%	0.548	0.178	88.69%
Asian Power Devices INC.	NB-65B19-C AA	100-240	50-60	65	19	0.2	88.61%	0.564	0.2	89.23%
Asian Power Devices INC.	NB-65B24-A XX	100-240	50-60	65	24	0.338	89.47%	0.540	0.287	89.76%
Asian Power Devices INC.	PJSWC0003	100-240	50-60	24	24	0.19	85.21%	0.55	0.245	84.4%
Asian Power Devices INC.	PS-180III (M159B)	100-240	50-60	50	24	0.235	87.29%	0.529	0.349	88.24%
Asian Power Devices INC.	PS60A-24B (DA-50A24)	100-240	50-60	50	24	0.339	88.25%	0.618	0.497	88.01%

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Asian Power Devices INC.	PS60A-24B(DA-50A24)	100-240	50-60	50	24	0.339	88.25%	0.618	0.497	88.01%
Asian Power Devices INC.	PS8340A(DA-24E12)	100-240	50-60	24	12	0.223	84.22%	0.554	0.273	83.32%
Asian Power Devices INC.	WA-07B09U-AXX	120	60	6.75	9	0.123	75.95%	0.316		0%
Asian Power Devices INC.	WA-10F05U-BXX	100-240	50-60	10	5	0.124	77.63%	0.522	0.147	74.35%
Asian Power Devices INC.	WA-10H05	100-240	50-60	10	5	0.126	76.15%	0.54	0.125	74.47%
Asian Power Devices INC.	WA-12F12U-AXX	100-240	50-60	12	12	0.109	80.82%	0.504	0.259	78.59%
Asian Power Devices INC.	WA-15F12U-AXX	100-240	50-60	15	12	0.120	81.82%	0.494	0.244	80.11%
Asian Power Devices INC.	WA-18F12U-AXX	100-240	50-60	18	12	0.165	82.44%	0.543	0.235	81.47%
Asian Power Devices INC.	WA-18G12	100-240	50-60	18	12	0.125	81.67%	0.554	0.215	80.36%
Asian Power Devices INC.	WA-18H12	100-240	50-60	18	12	0.124	81.3%	0.562	0.253	80.34%
Asian Power Devices INC.	WA18H12-XX	100-240	50-60	18	12	0.125	81.24%	0.542	0.245	81.42%
Asian Power Devices INC.	WA-24E12	100-240	50-60	24	12	0.123	82.85%	0.532	0.216	82.27%
Asian Power Devices INC.	WA-24E12-BAB	100-240	50-60	24	12	0.123	82.85%	0.532	0.216	82.27%

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Asian Power Devices INC.	WA-24E12-XXX	100-240	50-60	24	12	0.156	83.04%	0.529	0.213	83.59%
Asian Power Devices INC.	WA-30A19	100-240	50-60	30	19	0.158	86.76%	0.529	0.167	84.13%
Dee Van Enterprise Co., Ltd.	DSA-0421S-05 1 20	100-240	50-60	20	5	0.0985	79.69%	0.5798	0.1958	78.58%
Dee Van Enterprise Co., Ltd.	DSA-12G-12 AUS 120120	100-120	50-60	12	12	0.1783	81.39%	0.5564		0%
Dee Van Enterprise Co., Ltd.	DSA-12G-12 Fxx 120120	100-240	50-60	12	12	0.1743	81.1%	0.5819	0.2385	80.09%
Dee Van Enterprise Co., Ltd.	DSA-15P-05 XX 050100	100-240	50-60	10	5	0.1180	77.99%	0.5232	0.1861	76.07%
Dee Van Enterprise Co., Ltd.	DSA-15P-12 US 090108	100-240	50-60	10.8	9	0.1061	80.6%	0.5253	0.1540	78.24%
Dee Van Enterprise Co., Ltd.	DSA-20D-05 1 050120	100-240	50-60	12	5	0.0965	78.48%	0.5088	0.2080	75.37%
Dee Van Enterprise Co., Ltd.	DSA-20R-12 US 120180	100-240	50-60	18	12	0.1159	83.98%	0.5423	0.2473	82.55%
Dee Van Enterprise Co., Ltd.	DSA-5W-05 AUS 050100	100-120	50-60	5	5	0.0875	70.72%	0.5522		0%
Dee Van Enterprise Co., Ltd.	DSA-5W-05 FUS 050065	100-240	50-60	3.25	5	0.1108	72.87%	0.5147	0.2384	65.79%
Dee Van Enterprise Co., Ltd.	DSA-5W-05 XXX 065040	100-240	50-60	2.6	6.5	0.1547	68.27%	0.5322	0.3617	54.42%
Delta Electronics Inc.	ADP-135FB B	100-240	50-60	135	19.5	0.22	88.57%	1	0.32	87.73%

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Delta Electronics Inc.	ADP-5FH XXX	100~240	50-60	5	5	0.14	71.78%	0.56	0.14	69%
Delta Electronics Inc.	ADP-60NH B	100-240	50-60	60	19	.26	87.91%	.53	.39	88.54%
Delta Electronics Inc.	ADP-65HB XXXX	100-240	50-60	65	18.5	0.13	88.47%	0.54	0.20	88.37%
Delta Electronics Inc.	ADP-80LB XX	100-240	50-60	80	48	0.27	88.81%	0.92	0.42	87.91%
Delta Electronics Inc.	ADP-90SB ADFA	100-240	50-60	90	20	0.14	89.31%	0.91	0.18	89.27%
Delta Electronics Inc.	ADP-90WH XXXX	100-240	50-60	90	19	0.23	88.72%	0.9	0.25	87.29%
Delta Electronics Inc.	EADP-18FB B	100-240	50-60	18	48	0.15	83.7%	0.533	0.233	83.36%
Delta Electronics Inc.	EADP-61BB XX	100-240	50-60	61	36	0.166	88.8%	0.517	0.220	88.41%
Delta Electronics Inc.	SADP-230A B XXXX	100-240	50-60	230	19	0.23	90.26%	0.98	0.28	90.4%
Delta Electronics Inc.	SADP-65KB XFXXX	100-240	50-60	65	19	0.357	89.18%	0.53	0.377	89.34%
Delta Electronics Inc.	TADP-70AB A	100-240	50-60	65	15	0.2	91.06%	0.524	0.3	89.96%
Electrical Appliance Co., Ltd.	SA1312-120 100ME/US	100-240	50-60	12	12	0.1	82.41%	0.514	0.16	79.51%
Electrical Appliance Co., Ltd.	SA3801-050 010-Ux	120	60	0.5	5	0.25	47%	0.471		0%

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Electrical Appliance Co., Ltd.	SA3920-180 110-x	120	60	19.8	18	0.18	86.62%	0.581		0%
Dong Yang E&P Inc.	ATADB10	100-240	50-60	3.5	5	0.08	71.71%	0.64	0.13	68.32%
Dong Yang E&P Inc.	ATADD11	100-240	50-60	3.5	5	0.08	71.71%	0.64	0.13	68.41%
Dong Yang E&P Inc.	ATADD30	100-240	50-60	2.61	4.75	0.07	71.84%	0.63	0.13	66.64%
Dong Yang E&P Inc.	ATADH10	100-240	50-60	3.5	5	0.08	71.71%	0.64	0.13	68.41%
Dong Yang E&P Inc.	ATADM10	100-240	50-60	3.5	5	0.08	84.89%	0.64	0.13	68.41%
Dong Yang E&P Inc.	ATADN10	100-240	50-60	3.5	5	0.08	71.71%	0.64	0.13	68.41%
Dong Yang E&P Inc.	ATADS10	100-240	50-60	3.5	5	0.08	71.71%	0.64	0.13	68.41%
Dong Yang E&P Inc.	ATADS30	100-240	50-60	2.6	4.75	0.08	70.67%	0.63	0.13	67.03%
Dong Yang E&P Inc.	ATADU10	100-240	50-60	3.5	5	0.08	71.71%	0.64	0.13	68.41%
Dong Yang E&P Inc.	ATADV10	100-240	50-60	3.5	5	0.08	71.71%	0.64	0.13	68.41%
Dong Yang E&P Inc.	ATADW10	100-240	50-60	3.5	5	0.08	71.71%	0.64	0.13	68.36%
Dong Yang E&P Inc.	TAD177J	120	60	5	5	0.09	69.56%	0.58	0.10	66.86%

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Eng Electric Co., LTD.	3A-051WU05	100-240	50-60	5	5	0.18	72.29%	0.598	0.28	68.96%
Eng Electric Co., LTD.	3A-051WU12	100-240	50-60	5.04	12	0.20	77.32%	0.595	0.29	72.39%
Eng Electric Co., LTD.	3A-053WP05	100-240	50-60	5	5	0.1	76.13%	0.601	0.18	72.74%
Eng Electric Co., LTD.	3A-102WU12	100-120	50-60	9.6	12	0.15	80.4%	0.580	0	0%
Eng Electric Co., LTD.	3A-122WU09	100-120	50-60	10.8	9	0.13	79.36%	0.588		0%
Eng Electric Co., LTD.	3A-122WU10	100-120	50-60	12	10	0.14	79.84%	0.593		0%
Eng Electric Co., LTD.	3A-122WU12	100-120	50-60	12	12	0.08	81.4%	0.572		0%
Eng Electric Co., LTD.	3A-123WU12	100-240	50-60	12	12	0.14	81.18%	0.604	0.24	79%
Eng Electric Co., LTD.	3A-161WP05	100-240	50-60	13	5	0.11	78.55%	0.604	0.21	77.17%
Eng Electric Co., LTD.	3A-301WP24	100-240	50-60	30	24	0.15	86.6%	0.594	0.24	84.72%
Eng Electric Co., LTD.	3A-301WP48	100-240	50-60	30	48	0.20	88.42%	0.592	0.27	86.16%
Eng Electric Co., LTD.	3A-302DA15	100-240	50-60	30	16	0.14	86.32%	0.576	0.26	85.74%
Eng Electric Co., LTD.	3A-313DA12	100-120	50-60	31.56	12	0.22	84.03%	0.593		0%

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Foxlink Technology Ltd.	ATADM10	100-240	50-60	3.5	5	0.1	69.85%	0.56	0.16	67.73%
Foxlink Technology Ltd.	ATADS10	100-240	50-60	3.5	5	0.1	69.85%	0.56	0.16	67.73%
FRIWO Mobile Power GmbH	AC-10A	100-240	50-60	6	5	0.09	70.62%	0.56	0.12	70.92%
FRIWO Mobile Power GmbH	AC-10AR	100-240	50-60	6	5	0.09	70.62%	0.56	0.12	71.19%
FRIWO Mobile Power GmbH	AC-10C	100-240	50-60	6	5	0.09	73.27%	0.55	0.12	73.77%
FRIWO Mobile Power GmbH	AC-10E, 15.2862	100-240	50-60	6	5	0.09	70.62%	0.56	0.12	70.92%
FRIWO Mobile Power GmbH	AC-10N, 15.2869	100-240	50-60	6	5	0.10	70.55%	0.55	0.12	70.92%
FRIWO Mobile Power GmbH	AC-10U, 15.2864	100-240	50-60	6	5	0.09	70.62%	0.56	0.12	70.92%
FRIWO Mobile Power GmbH	AC-10X, 15.2863	100-240	50-60	6	5	0.09	70.62%	0.56	0.12	70.92%
FRIWO Mobile Power GmbH	AC-3A	100-240	50-60	1.75	5	0.06	69.32%	0.55	0.08	68.04%
FRIWO Mobile Power GmbH	AC-3C	100-240	50-60	1.75	5	0.06	69.32%	0.55	0.08	68.04%
FRIWO Mobile Power GmbH	AC - 3E	100-240	50-60	1.75	5	0.06	69.32%	0.55	0.08	68.04%
FRIWO Mobile Power GmbH	AC-3U	100-240	50-60	1.75	5	0.06	69.32%	0.55	0.08	68.04%

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FRIWO Mobile Power GmbH	AC-3X	100-240	50-60	1.75	5	0.06	69.32%	0.55	0.08	68.04%
FRIWO Mobile Power GmbH	AC - 4A	100	50-60	4.45	5	0.11	68.95%	0.71	0.21	70.67%
FRIWO Mobile Power GmbH	AC-4A	100-240	50-60	4.45	5	0.12	72.45%	0.55	0.21	72.79%
FRIWO Mobile Power GmbH	AC - 4C	100	50-60	4.45	5	0.11	68.89%	0.71	0.2133	70.58%
FRIWO Mobile Power GmbH	AC-4C	100-240	50-60	4.45	5	0.12	72.45%	0.55	0.21	72.79%
FRIWO Mobile Power GmbH	AC-4E	100-240	50-60	4.45	5	0.12	72.45%	0.55	0.21	72.79%
FRIWO Mobile Power GmbH	AC - 4U	100	50-60	4.45	5	0.11	69.32%	0.71	0.2033	71.16%
FRIWO Mobile Power GmbH	AC-4U	100-240	50-60	4.45	5	0.12	72.45%	0.55	0.21	72.79%
FRIWO Mobile Power GmbH	AC - 4X	100	50-60	4.45	5	0.11	68.94%	0.71	0.21	70.54%
FRIWO Mobile Power GmbH	AC-4X	100-240	50-60	4.45	5	0.12	72.45%	0.55	0.21	72.79%
FRIWO Mobile Power GmbH	AC-5E	100-240	50-60	4	5	0.09	68.26%	0.57	0.19	66.81%
FRIWO Mobile Power GmbH	AC-8A	100-240	50-60	4.45	5	0.01	74.46%	0.56	0.02	75.1%
FRIWO Mobile Power GmbH	AC-8AR	100-240	50-60	4.45	5	0.01	74.46%	0.56	0.02	75.1%

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FRIWO Mobile Power GmbH	AC-8E	100-240	50-60	4.45	5	0.01	74.46%	0.56	0.02	75.1%
FRIWO Mobile Power GmbH	AC-8EB	100-240	50-60	4.45	5	0.01	74.46%	0.56	0.02	75.1%
FRIWO Mobile Power GmbH	AC-8J	100-240	50-60	4.45	5	0.01	74.46%	0.56	0.02	75.1%
FRIWO Mobile Power GmbH	AC-8K	100-240	50-60	4.45	5	0.01	74.46%	0.56	0.02	75.1%
FRIWO Mobile Power GmbH	AC-8N	100-240	50-60	4.45	5	0.01	75.89%	0.55	0.02	76.55%
FRIWO Mobile Power GmbH	AC-8U	100-240	50-60	4.45	5	0.01	74.46%	0.56	0.02	75.1%
FRIWO Mobile Power GmbH	AC-8X	100-240	50-60	4.45	5	0.01	74.46%	0.56	0.02	75.1%
FRIWO Mobile Power GmbH	ACP12U	100-240	50-60	4.56	5.70	0.114	73.08%	0.557	0.2	72.91%
FRIWO Mobile Power GmbH	FMP5202C	100-240	50-60	4.25	5	0.07	68.71%	0.55	0.17	68.46%
FRIWO Mobile Power GmbH	FMP5358A-Sprint	100-240	50-60	4.25	5	0.073	69.46%	0.560	0.177	68.86%
FRIWO Mobile Power GmbH	LG STA-P52WF	100-240	50-60	3.57	5.1	0.14	67.34%	0.54	0.24	66.03%
FRIWO Mobile Power GmbH	POLV219	100-120	60	3.25	6.5	0.08	73.96%	0.58		0%
FRIWO Mobile Power GmbH	STA-P51WF	100-240	50-60	4.32	4.8	0.088	69.15%	0.579	0.121	67.7%

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INC.KAOHSIUNG BRANCH	AMM150	100-240	50-60	135	15	0.13	87.69%	0.999	0.36	87.07%
INC.KAOHSIUNG BRANCH	AMM150	100-240	50-60	150	19	0.24	88.58%	0.999	0.46	88.36%
INC.KAOHSIUNG BRANCH	AMM150	100-240	50-60	150	24	0.15	88.71%	0.999	0.4	88.68%
INC.KAOHSIUNG BRANCH	AMM150	100-240	50-60	150	27	0.28	88.99%	0.999	0.42	88.84%
INC.KAOHSIUNG BRANCH	AMM150	100-240	50-60	150	48	0.3	88.52%	0.999	0.4	88.47%
INC.KAOHSIUNG BRANCH	PMP120	100-240	50-60	120	24	0.24	87.61%	0.999	0.47	87.93%
INC.KAOHSIUNG BRANCH	PMP120	100-240	50-60	120	30	0.282	87.57%	0.999	0.41	87.02%
INC.KAOHSIUNG BRANCH	PMP120	100-240	50-60	120	48	0.35	87.56%	0.999	0.45	88.26%
INC.KAOHSIUNG BRANCH	PMP120-17	100-240	50-60	120	36	0.22	87.72%	0.999	0.33	87.28%
INC.KAOHSIUNG BRANCH	PMP150	100-240	50-60	135	15	0.16	87.6%	0.999	0.37	87.36%
INC.KAOHSIUNG BRANCH	PMP150	100-240	50-60	150	19	0.24	88.58%	0.999	0.46	88.36%
INC.KAOHSIUNG BRANCH	PMP150	100-240	50-60	150	24	0.15	88.71%	0.999	0.4	88.68%
INC.KAOHSIUNG BRANCH	PMP150	100-240	50-60	150	27	0.2	88.95%	0.999	0.33	88.73%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
INC.KAOHSIUNG BRANCH	PMP150	100-240	50-60	150	48	0.3	88.52%	0.999	0.4	88.47%
INC.KAOHSIUNG BRANCH	PUP120	100-240	50-60	120	18	0.14	88.67%	0.999	0.29	88.13%
INC.KAOHSIUNG BRANCH	PUP120	100-240	50-60	120	20	0.16	88.26%	0.999	0.3	87.63%
INC.KAOHSIUNG BRANCH	PUP120	100-240	50-60	120	24	0.16	88.63%	0.99	0.3	88.38%
INC.KAOHSIUNG BRANCH	PUP120	100-240	50-60	120	30	0.23	88.85%	0.999	0.41	88.68%
INC.KAOHSIUNG BRANCH	PUP120	100-240	50-60	120	36	0.23	89.02%	0.998	0.39	88.28%
INC.KAOHSIUNG BRANCH	PUP120-18	100-240	50-60	120	48	0.23	88.75%	0.999	0.36	88.83%
Global Yeou Diann Elec. Ind. Co., Ltd.	AMS6-0502 000SU	120	60	10	5	0.12	76.55%	0.55		0%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	100-120	60	18	12	0.11	80.77%	0.56	0.11	70.62%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	100-120	60	18	24	0.18	83.23%	0.56	0.11	70.62%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	100-240	50-60	6	5	0.06	69.78%	0.47	0.11	70.62%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120-240	50-60	3.96	3.3	0.06	66.58%	0.45	0.11	66.56%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	15	12		0%		0.128	85.62%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Global Yeou Diann Elec. Ind. Co., Ltd.	I.T.E. Power Supply	120	60	10	5		0%		0.149	80.52%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	100-120	60	18	12	0.11	80.77%	0.56	0.22	82.52%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	15	12		0%		0.128	85.62%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	7.5	7.5		0%		0.159	83.58%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	100-120	60	12.5	5	0.13	77.08%	0.54	0.22	82.52%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	100-120	60	15	12	0.12	83%	0.55	0.22	82.52%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	100-120	60	18	24	0.18	83.23%	0.56	0.11	70.62%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	100-240	50-60	12.5	5	0.13	77.32%	0.54	0.23	75.05%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	100-240	50-60	15	12	0.12	81.53%	0.54	0.18	79.32%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	100-240	50-60	18	24	0.19	82.88%	0.55	0.25	82.74%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	100-240	50-60	24	12	0.12	83.96%	0.57	0.22	82.52%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	100-240	50-60	24	12	0.14	83.13%	0.56	0.30	83.15%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	100-240	50-60	24	24	0.28	83.54%	0.57	0.30	83.15%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	100-240	50-60	3.96	3.3	0.06	66.58%	0.45	0.11	66.56%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	100-240	50-60	6	12	0.18	74.04%	0.48	0.20	73.78%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	100-240	50-60	6	5	0.06	69.78%	0.47	0.11	70.62%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	10	5	0.13	73.79%	0.52	0.11	70.62%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	12	12		0%		0.133	92.41%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	12	12		0%		0.181	92.75%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	12	12		0%		0.183	86.28%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	12.5	5	0.13	77.08%	0.54	0.11	70.62%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	14.4	12		0%		0.130	92%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	14.4	12		0%		0.136	84.43%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	14.4	12		0%		0.204	86.37%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	15	12		0%		0.096	91.99%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	15	12		0%		0.184	86.11%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	18	12		0%		0.143	86.18%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	24	24	0.30	83.48%	0.57	0.143	86.18%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	3.96	3.3	0.06	66.58%	0.45	0.11	66.56%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	6	12	0.18	74.2%	0.45	0.143	86.18%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	6	24	0.26	73.49%	0.49	0.143	86.18%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	6	5	0.06	70.51%	0.46	0.143	86.18%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	7.5	7.5		0%		0.152	83.53%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	7.5	7.5		0%		0.159	83.58%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	7.5	7.5		0%		0.25	79.88%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	9	9		0%		0.164	90.91%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120	60	9	9		0%		0.172	84.11%
Global Yeou Diann Elec. Ind. Co., Ltd.	POWER SUPPLY	120-240	50-60	3.96	3.3	0.06	66.58%	0.45	0.11	66.56%
Global Yeou Diann Elec. Ind. Co., Ltd.	I.T.E.POWER SUPPLY	120	60	10	5		0%		0.149	80.52%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Global Yeou Diann Elec. Ind. Co., Ltd.	I.T.E.POWER SUPPLY	120	60	12	12	0.149	92.69%	0.524		0%
Global Yeou Diann Elec. Ind. Co., Ltd.	I.T.E.POWER SUPPLY	120	60	14.4	12	0.097	85.46%	0.479		0%
Global Yeou Diann Elec. Ind. Co., Ltd.	I.T.E.POWER SUPPLY	120	60	14.4	12	0.152	91.67%	0.533		0%
Global Yeou Diann Elec. Ind. Co., Ltd.	I.T.E.POWER SUPPLY	120	60	15	12	0.138	84.37%	0.544		0%
Global Yeou Diann Elec. Ind. Co., Ltd.	I.T.E.POWER SUPPLY	120	60	18	12	0.183	90.81%	0.526		0%
Global Yeou Diann Elec. Ind. Co., Ltd.	I.T.E.POWER SUPPLY	120	60	24	24	0.30	83.48%	0.57	0.143	86.18%
Global Yeou Diann Elec. Ind. Co., Ltd.	I.T.E.POWER SUPPLY	120	60	7.5	7.5	0.201	88.19%	0.555		0%
Global Yeou Diann Elec. Ind. Co., Ltd.	I.T.E.POWER SUPPLY	120	60	7.5	7.5		0%		0.25	79.88%
Global Yeou Diann Elec. Ind. Co., Ltd.	I.T.E.POWER SUPPLY	120	60	9	9	0.165	90.91%	0.543		0%
Global Yeou Diann Elec. Ind. Co., Ltd.	I.T.E.POWER SUPPLY	120	60	9	9		0%		0.215	90.33%
Global Yeou Diann Elec. Ind. Co., Ltd.	I.T.E. POWER SUPPLY	120	60	6	24	0.26	73.49%	0.49	0.143	86.18%
International Co., Ltd.	35D AC/DC ADAPTER	120	60	1.2	24	0.3	70.9%	0.616		0%
HAEM Co., Ltd.	ATADD11	100-240	50-60	3.5	5	0.13	71.07%	0.537	0.17	68.22%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
HAEM Co., Ltd.	ATADD11I	150-300	50-60	3.5	5	0.115	69.71%	0.537	0.205	65.87%
HAEM Co., Ltd.	ATADD30	100-240	50-60	2.6125	4.75	0.16	69.11%	0.570	0.17	66.13%
HAEM Co., Ltd.	ATADD30I	150-300	50-60	2.6125	4.75	0.02	68.55%	0.570	0.05	65.64%
HAEM Co., Ltd.	ATADM10	100-240	50-60	3.5	5	0.13	70.8%	0.537	0.17	68.14%
HAEM Co., Ltd.	ATADM10I	150-300	50-60	3.5	5	0.11	71.54%	0.537	0.17	68.21%
HAEM Co., Ltd.	ATADN10	100-240	50-60	3.5	5	0.12	70.85%	0.570	0.17	68.73%
HAEM Co., Ltd.	ATADN20	100-240	50-60	3.5	5	0.12	71.2%	0.570	0.17	68.18%
HAEM Co., Ltd.	ATADN30	100-240	50-60	1.9	4.75	0.16	69.11%	0.570	0.17	66.13%
HAEM Co., Ltd.	ATADN30I	150-300	50-60	2.6	4.75	0.12	70.51%	0.570	0.17	68.28%
HAEM Co., Ltd.	ATADS10	100-240	50-60	3.5	5	0.12	70.85%	0.570	0.17	68.73%
HAEM Co., Ltd.	ATADS10I	150-300	50-60	3.5	5	0.12	71.63%	0.537	0.17	67.18%
HAEM Co., Ltd.	ATADS20	100-240	50-60	3.5	5	0.12	71.2%	0.570	0.17	68.18%
HAEM Co., Ltd.	ATADS30	100-240	50-60	1.9	4.75	0.16	69.11%	0.570	0.17	66.13%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
HAEM Co., Ltd.	ATADS30J	100-240	50-60	2.6	4.75	0.12	70.51%	0.570	0.17	68.28%
HAEM Co., Ltd.	ATADU10	100-240	50-60	3.5	5	0.12	70.85%	0.570	0.17	68.73%
HAEM Co., Ltd.	ATADU20	100-240	50-60	3.5	5	0.12	71.2%	0.570	0.17	68.18%
HAEM Co., Ltd.	ATADU30	100-240	50-60	2.6125	4.75	0.16	69.11%	0.570	0.17	66.13%
HAEM Co., Ltd.	ATADU30I	150-300	50-60	2.6125	4.75	0.02	68.55%	0.570	0.05	65.64%
HAEM Co., Ltd.	ATADV10	100-240	50-60	3.5	5	0.12	71.76%	0.535	0.17	69.13%
HAEM Co., Ltd.	ATADW10	100-240	50-60	3.5	5	0.13	71.5%	0.535	0.18	69.15%
HAEM Co., Ltd.	ATADW10I	150-300	50-60	3.5	5	0.12	71.55%	0.537	0.17	69.26%
HAEM Co., Ltd.	TAD137I	150-300	50-60	3.5	5	0.115	69.71%	0.537	0.205	65.87%
HAEM Co., Ltd.	TAD437	100-240	50-60	3.5	5	0.111	68.95%	0.537	0.203	66.23%
Hipro Electronics	42T5284	100-240	50-60	170	20	0.26	89.23%	0.989	0.125	89.15%
Hipro Electronics	42T5292	100-200	50-60	90	20	0.18	88.08%	0.997	0.29	88.9%
Hipro Electronics	HA65NS0-00	100-240	50-60	65	19.5	0.3	88.12%	0.542	0.44	88.55%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Hipro Electronics	HP-A0301R3	100-240	50-60	30	19	0.15	88.07%	0.47	0.23	87.46%
Hipro Electronics	HP-A0652A XXX	100-240	50-60	65	19	0.15	87.58%	0.52	0.15	87.8%
Hipro Electronics	HP-A0904A3	100-240	50-60	90	19	0.16	88.35%	0.983	0.2	88.27%
Hipro Electronics	HP-A1501A3B1	100-240	50-60	150	19	0.368	88.16%	0.982	0.346	88.99%
Hipro Electronics	HP-A2301Ax	100-240	50-60	230	19	0.266	91.79%	0.99	0.337	92.55%
Hipro Electronics	HSTNN-HA03	100-200	50-60	180	19	0.22	88.68%	0.992	0.33	87.2%
Hipro Electronics	Series PPP009H	100-240	50-60	65	18.5	0.2	88.18%	0.59	0.35	87.97%
Hitron Electronics Corporation	AXG12S-12/D8 LF	100-240	50-60	12	12	0.1	82.01%	0.5694	0.15	78.86%
Hitron Electronics Corporation	AXG75S-12/D7 LF	100-240	50-60	66	12	0.261	88.73%	0.501	0.307	88.59%
Hitron Electronics Corporation	HEG06-S120050	100-240	50-60	6	12	0.119	84.72%	0.56	0.156	80.93%
Hitron Electronics Corporation	HEG10-900110-1	100-240	50-60	9.9	9	0.114	77.19%	0.57	0.150	88.22%
Hitron Electronics Corporation	HEG42-120200-7	100-240	50-60	24	12	0.15	84.77%	0.516	0.18	83.54%
Hitron Electronics Corporation	HEG42-150280-7	100-240	50-60	42	15	0.101	85.84%	0.552	0.168	86.15%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Hitron Electronics Corporation	HEG42-150 280-8	100-240	50-60	42	15	0.100	85.89%	0.55	0.170	86.2%
Hitron Electronics Corporation	HEG42-240 100-7L	100-240	50-60	24	24	0.111	86.47%	0.5631	0.174	85.35%
Hitron Electronics Corporation	HEG42-240 200-7L LF	100-240	50-60	48	24.0	0.1108	87.43%	0.5814	0.183	87.67%
Hitron Electronics Corporation	HEG75-S19 0390-7L LF	100-240	50-60	74.1	19	0.2034	88.05%	0.5835	0.215	87.97%
Hitron Electronics Corporation	HEG75-S24 0250-7L LF	100-240	50-60	60	24	0.2681	88.49%	0.5452	0.259	88.28%
Hitron Electronics Corporation	HEG75-S24 0320-7L LF	100-240	50-60	76.8	24	0.236	88.13%	0.5895	0.235	88.41%
Hitron Electronics Corporation	HEG75-S30 0200-7L LF	100-240	50-60	60	30	0.2439	87.91%	0.5446	0.247	87.3%
Hitron Electronics Corporation	HEG75-S36 0205-7L(A)	100-240	50-60	73.8	36	0.2586	88.71%	0.5958	0.278	88.72%
Hitron Electronics Corporation	HEG75-S36 0210-7L LF	100-240	50-60	75.6	36	0.2632	88.42%	0.5903	0.276	88.83%
Hitron Electronics Corporation	HEG75-S48 0156-7L LF	100-240	50-60	74.88	48	0.2993	89.1%	0.5568	0.2921	89.19%
Hitron Electronics Corporation	HEPG98-S2 40400-7L	100-240	50-60	96	24	0.235	88.46%	0.997	0.412	87.41%
Jentec Technology Co., LTD.	AF0605-B	100-120	50-60	6	5	0.26	71.84%	0.472		0%
Jentec Technology Co., LTD.	AF0605-C	200-240	50-60	6	5		0%		0.28	73.16%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Jentec Technology Co., LTD.	AF0605-D	200-240	50-60	6	5		0%		0.28	73.16%
Jentec Technology Co., LTD.	AF0605-E	200-240	50-60	6	5		0%		0.28	73.16%
Jentec Technology Co., LTD.	AF0605-K	200-240	50-60	6	5		0%		0.28	73.16%
Jentec Technology Co., LTD.	AF0605-N	200-240	50-60	6	5		0%		0.28	73.16%
Jentec Technology Co., LTD.	AF1805-A (2A5)	100-240	50-60	12.5	5	0.29	75.09%	0.546	0.3	76.32%
Jentec Technology Co., LTD.	AF1805-B (2A5)	100-240	50-60	12.5	5	0.29	75.09%	0.546	0.3	76.32%
Jentec Technology Co., LTD.	AF1805-C(2 A5)	100-240	50-60	12.5	5	0.29	75.09%	0.546	0.3	76.32%
Jentec Technology Co., LTD.	AF1805-D(2 A5)	100-240	50-60	12.5	5	0.29	75.09%	0.546	0.3	76.32%
Jentec Technology Co., LTD.	AF1805-E(2 A5)	100-240	50-60	12.5	5	0.29	75.09%	0.546	0.3	76.32%
Jentec Technology Co., LTD.	AF1805-K(2 A5)	100-240	50-60	12.5	5	0.29	75.09%	0.546	0.3	76.32%
Jentec Technology Co., LTD.	AF1805-N(2 A5)	100-240	50-60	12.5	5	0.29	75.09%	0.546	0.3	76.32%
Jentec Technology Co., LTD.	AH1212-B	100-240	50-60	12	12	0.24	80.82%	0.541	0.29	79.93%
Jentec Technology Co., LTD.	AH1212-C	100-240	50-60	12	12	0.24	80.82%	0.541	0.29	79.93%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Jentec Technology Co., LTD.	AH1212-D	100-240	50-60	12	12	0.24	80.82%	0.541	0.29	79.93%
Jentec Technology Co., LTD.	AH1212-E	100-240	50-60	12	12	0.24	80.82%	0.541	0.29	79.93%
Jentec Technology Co., LTD.	AH1212-K	100-240	50-60	12	12	0.24	80.82%	0.541	0.29	79.93%
Jentec Technology Co., LTD.	AH1212-N	100-240	50-60	12	12	0.24	80.82%	0.541	0.29	79.93%
Jentec Technology Co., LTD.	AH1812-A (1A25)	100-240	50-60	15	12	0.24	79.9%	0.588	0.3	80.48%
Jentec Technology Co., LTD.	AH1812-B(1 A25)	100-240	50-60	15	12	0.24	79.9%	0.588	0.3	80.48%
Jentec Technology Co., LTD.	AH1812-B (1A5)	100-240	50-60	18	12	0.16	80.42%	0.604	0.26	81.38%
Jentec Technology Co., LTD.	AH1812-C	100-240	50-60	18	12	0.16	80.42%	0.604	0.26	81.38%
Jentec Technology Co., LTD.	AH1812-C(1 A25)	100-240	50-60	15	12	0.24	79.9%	0.588	0.3	80.48%
Jentec Technology Co., LTD.	AH1812-D(1 A25)	100-240	50-60	15	12	0.24	79.9%	0.588	0.3	80.48%
Jentec Technology Co., LTD.	AH1812-E	100-240	50-60	18	12	0.16	80.42%	0.604	0.26	81.38%
Jentec Technology Co., LTD.	AH1812-E(1 A25)	100-240	50-60	15	12	0.24	79.9%	0.588	0.3	80.48%
Jentec Technology Co., LTD.	AH1812-K(1 A25)	100-240	50-60	15	12	0.24	79.9%	0.588	0.3	80.48%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Jentec Technology Co., LTD.	AH1812-N(1 A25)	100-240	50-60	15	12	0.24	79.9%	0.588	0.3	80.48%
Jentec Technology Co., LTD.	AH2424-X	100-240	50-60	18	24	0.27	83.87%	0.566	0.3	83.39%
Jentec Technology Co., LTD.	CF0605-B	100-120	50-60	6	5	0.19	72.19%	0.581		0%
Jentec Technology Co., LTD.	CF0605-C	100-240	50-60	6	5	0.19	72.19%	0.581	0.25	69.69%
Jentec Technology Co., LTD.	CF0605-E	100-240	50-60	6	5	0.19	72.19%	0.581	0.25	69.69%
Jentec Technology Co., LTD.	CF1205-B	100-240	50-60	10	5	0.11	75.68%	0.577	0.19	74.24%
Jentec Technology Co., LTD.	CF1205-C	100-240	50-60	10	5	0.11	75.68%	0.577	0.19	74.24%
Jentec Technology Co., LTD.	CF1205-E	100-240	50-60	10	5	0.11	76.6%	0.577	0.19	74.24%
Jentec Technology Co., LTD.	CF1505-B(2 A0F)	100-240	50-60	12.5	5	0.11	75.46%	0.578	0.29	76.12%
Jentec Technology Co., LTD.	CF1505-B(2 A5F)	100-240	50-60	12.5	5	0.11	75.46%	0.578	0.29	76.12%
Jentec Technology Co., LTD.	CF1505-B(2 A5S1)	100-120	50-60	12.5	5	0.11	75.46%	0.578	0.3	76.32%
Jentec Technology Co., LTD.	CF1505-C(2 A5F)	100-240	50-60	12.5	5	0.11	75.46%	0.578	0.15	76.12%
Jentec Technology Co., LTD.	CF1505-E(2 A0F)	100-240	50-60	12.5	5	0.11	75.46%	0.578	0.29	76.12%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Jentec Technology Co., LTD.	CF1505-E(2 A5F)	100-240	50-60	12.5	5	0.11	75.46%	0.578	0.29	76.12%
Jentec Technology Co., LTD.	CF1805-B(2 A5F)	100-240	50-60	12.5	5	0.11	75.46%	0.578	0.29	76.12%
Jentec Technology Co., LTD.	CF1805-B(2 A5S1)	100-120	50-60	12.5	5	0.11	75.46%	0.578	0.3	76.32%
Jentec Technology Co., LTD.	CF1805-E(2 A5F)	100-240	50-60	12.5	5	0.11	75.46%	0.578	0.29	76.12%
Jentec Technology Co., LTD.	CG2412-B(2 A0F)	100-240	50-60	24	12	0.1	82.25%	0.606	0.18	82.16%
Jentec Technology Co., LTD.	CG2412-B(2 A0S1)	100-120	50-60	24	12	0.1	82.25%	0.606	0.29	81.26%
Jentec Technology Co., LTD.	CG2412-C(2 A0F)	100-240	50-60	24	12	0.1	82.43%	0.606	0.18	82.16%
Jentec Technology Co., LTD.	CG2412-E(2 A0F)	100-240	50-60	24	12	0.1	82.25%	0.606	0.18	82.16%
Jentec Technology Co., LTD.	CH1812-B(1 A25F)	100-240	50-60	15	12	0.17	80.71%	0.616	0.22	80.13%
Jentec Technology Co., LTD.	CH1812-B(1 A25S1)	100-120	50-60	15	12	0.17	80.71%	0.616	0.3	80.48%
Jentec Technology Co., LTD.	CH1812-C(1 A25F)	100-240	50-60	15	12	0.17	80.71%	0.616	0.22	80.13%
Jentec Technology Co., LTD.	CH1812-E(1 A25F)	100-240	50-60	15	12	0.17	80.71%	0.604	0.22	80.13%
Jentec Technology Co., LTD.	PI-21	100~120	50-60	24.6	20.5	0.23	84.97%	0.555		0%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Jentec Technology Co., LTD.	PI-29	100~120	50-60	37.7	29	0.27	87.36%	0.551		0%
Leader Electronics, Inc.	FU12-21090-A00F	100-240	50-60	13.5	9	0.125	79.86%	0.581	0.221	78.92%
Leader Electronics, Inc.	-A00F(Radio Shack)	100-240	50-60	13.5	9	0.1	79.8%	0.581	0.145	79.33%
Leader Electronics, Inc.	Shack 273-1771)	100-240	50-60	13.5	9	0.125	79.86%	0.581	0.221	78.92%
Leader Electronics, Inc.	(RadioShack)	100-240	50-60	15	15	0.227	83.05%	0.524	0.297	81.09%
Leader Electronics, Inc.	030F (Motorola)	100-240	50-60	4.25	5	0.054	69.77%	0.546	0.060	67.27%
Leader Electronics, Inc.	000S (TECOM)	100-240	50-60	10	5	0.039	76.29%	0.487	0.040	75.28%
Leader Electronics, Inc.	000S (Motorola)	100-240	50-60	10.2	12	0.144	80.86%	0.481	0.129	78.22%
Leader Electronics, Inc.	Security Systems)	120	60	10.1	24	0.272	81.12%	0.992		0%
Leader Electronics, Inc.	(Fisher Price)	120	60	5.4	6	0.115	81.26%	0.486		0%
Leader Electronics, Inc.	(Fisher Price)	120	60	3.9	6	0.128	80.07%	0.526		0%
Leader Electronics, Inc.	(Fisher Price)	120	50-60	2.1	6	0.095	75.81%	0.491		0%
Leader Electronics, Inc.	-A34F (SerComm)	100-120	50-60	10	5	0.187	75.88%	0.535		0%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Leader Electronics, Inc.	-A00S(YAES U)	100-120	50-60	10.5	10.5	0.249	81.61%	0.516		0%
Leader Electronics, Inc.	-A31S (ALPHA)	100-120	60	5	5	0.277	73.36%	0.530		0%
Leader Electronics, Inc.	-A50F (Hitrontech)	100-120	50-60	5	5	0.056	75.62%	0.511		0%
Leader Electronics, Inc.	-A50F (Gemtek)	120	60	6	12	0.078	83.28%	0.512		0%
Leader Electronics, Inc.	-A51F (Gemtek)	120	60	12	12	0.058	84.88%	0.564		0%
Leader Electronics, Inc.	-A51F(Gemtek)	120	60	12	12	0.053	84.47%	0.566		0%
Leader Electronics, Inc.	MT12-41120 -A60F	120	60	12	12	0.058	84.88%	0.564		0%
Leader Electronics, Inc.	-A60F (Hitrontech)	100-120	60	12	12	0.058	84.88%	0.564		0%
Leader Electronics, Inc.	MT12-41120 -A80A	120	60	6	12	0.078	83.28%	0.512		0%
Leader Electronics, Inc.	-AA1F (SerComm)	120	60	12	12	0.055	84.78%	0.566		0%
Leader Electronics, Inc.	-AA2S (SerComm)	120	60	12	12	0.055	83.91%	0.565		0%
Leader Electronics, Inc.	MT12-41120 -AH0A	120	60	12	12	0.058	84.88%	0.564		0%
Leader Electronics, Inc.	MT12-41120 -AM0F	120	60	12	12	0.058	84.88%	0.564		0%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Leader Electronics, Inc.	-AN0S (Mediatek)	120	60	12	12	0.052	84.15%	0.571		0%
Leader Electronics, Inc.	-AR0F (Westell)	120	60	12	12	0.053	83.61%	0.568		0%
Leader Electronics, Inc.	-AR0F.(Westell)	120	60	12	12	0.058	83.63%	0.574		0%
Leader Electronics, Inc.	-AR0F(Westell)	120	60	12	12	0.053	83.61%	0.568		0%
Leader Electronics, Inc.	-AR1F (Westell)	120	60	12	12	0.053	83.41%	0.567		0%
Leader Electronics, Inc.	-AR3F.(Westell)	120	60	12	12	0.058	83.63%	0.574		0%
Leader Electronics, Inc.	-AR4S (Westell)	120	60	12	12	0.058	83.63%	0.574		0%
Leader Electronics, Inc.	-AR4S(Westell)	120	60	12	12	0.053	83.61%	0.568		0%
Leader Electronics, Inc.	-AV0S (AbCom)	120	60	12	12	0.052	84.14%	0.569		0%
Leader Electronics, Inc.	-AX0S (U-MEDIA)	120	50-60	12	12	0.053	84.16%	0.568		0%
Leader Electronics, Inc.	MT12-90450 70-A1	120	60	3.15	4.5	0.057	73.57%	0.455		0%
Leader Electronics, Inc.	MT12-90600 80-A1	120	60	4.8	6	0.057	75.82%	0.473		0%
Leader Electronics, Inc.	MT12-90900 80-A1	120	60	7.2	9	0.056	83.28%	0.502		0%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Leader Electronics, Inc.	MT12-91045-A00S	120	60	3.15	4.5	0.056	72.35%	0.452		0%
Leader Electronics, Inc.	Shack 273-1765)	120	60	3.15	4.5	0.058	72.67%	0.455		0%
Leader Electronics, Inc.	MT12-91060-A00S	120	60	4.8	6	0.058	76.3%	0.484		0%
Leader Electronics, Inc.	Shack 273-1766)	120	60	4.8	6	0.058	76.3%	0.484		0%
Leader Electronics, Inc.	MT12-91090-A00S	120	60	7.2	9	0.051	82.41%	0.514		0%
Leader Electronics, Inc.	Shack 273-1768)	120	60	7.2	9	0.051	82.81%	0.512		0%
Leader Electronics, Inc.	(RadioShack)	120	60	6	12	0.054	83.65%	0.490		0%
Leader Electronics, Inc.	MT12-91120-A00S	120	60	6	12	0.047	83.8%	0.503		0%
Leader Electronics, Inc.	Shack 273-1774)	120	60	6	12	0.05	83.02%	0.509		0%
Leader Electronics, Inc.	MT12-A1105-A00F	120	60	10.5	10.5	0.050	83.92%	0.524		0%
Leader Electronics, Inc.	MT12-A1138-A00F	120	60	13.725	13.8	0.057	84.52%	0.528		0%
Leader Electronics, Inc.	MT12-B1065-A00F	120	60	3.25	6.5	0.050	75.87%	0.465		0%
Leader Electronics, Inc.	MT12-B1120-A00F	120	60	6	12	0.06	83.73%	0.51		0%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Leader Electronics, Inc.	-A01F(TECOM)	120	60	6	12	0.052	82.56%	0.518		0%
Leader Electronics, Inc.	MT12-D1120-A00S	120	60	12	12	0.052	84.96%	0.530		0%
Leader Electronics, Inc.	-A01S (TECOM)	100-120	60	7.5	5	0.087	78.55%	0.459		0%
Leader Electronics, Inc.	-A30S (D-Link)	120	60	7.5	7.5	0.089	82.72%	0.498		0%
Leader Electronics, Inc.	-A31S (D-Link)	100	50-60	7.5	7.5	0.127	82.47%	0.497		0%
Leader Electronics, Inc.	-A30S (Arcadyan)	110-120	60	9	9	0.076	85.06%	0.509		0%
Leader Electronics, Inc.	-A80S (D-Link)	120	60	9	9	0.093	83.17%	0.511		0%
Leader Electronics, Inc.	-A81S (D-Link)	100	50-60	9	9	0.173	84.31%	0.512		0%
Leader Electronics, Inc.	-A00S (NETGEAR)	100-120	60	12	12	0.079	86.22%	0.548		0%
Leader Electronics, Inc.	-A01S (NETGEAR)	100-120	60	12	12	0.079	86.22%	0.548		0%
Leader Electronics, Inc.	-A02S (NETGEAR)	100-120	60	12	12	0.081	87.38%	0.553		0%
Leader Electronics, Inc.	-A03S (NETGEAR)	100-120	60	12	12	0.081	87.38%	0.553		0%
Leader Electronics, Inc.	-A04S (NETGEAR)	100-120	60	12	12	0.079	86.22%	0.548		0%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Leader Electronics, Inc.	-A05S (NETGEAR)	100-120	60	12	12	0.079	86.22%	0.548		0%
Leader Electronics, Inc.	-A06S (NETGEAR)	100-120	60	12	12	0.081	87.38%	0.553		0%
Leader Electronics, Inc.	-A07S (NETGEAR)	100-120	60	12	12	0.081	87.38%	0.553		0%
Leader Electronics, Inc.	-A62S (SerComm)	120	60	12	12	0.106	85.65%	0.581		0%
Leader Electronics, Inc.	-AP0S (Actiontec)	100-120	60	12	12	0.081	87.38%	0.553		0%
Leader Electronics, Inc.	-AY0S (D-Link)	120	60	12	12	0.102	85.42%	0.511		0%
Leader Electronics, Inc.	-AY1S (D-Link)	100	50-60	12	12	0.179	85.9%	0.505		0%
Leader Electronics, Inc.	-A01S (TECOM)	120	60	12	15	0.115	85.55%	0.553		0%
Leader Electronics, Inc.	-A05S(TECOM)	100-120	50-60	12	15	0.156	86.34%	0.522		0%
Leader Electronics, Inc.	(Fisher Price)	120	60	12	12	0.207	86.83%	0.532		0%
Leader Electronics, Inc.	-A30S(Ensky)	120	60	18	9	0.095	82.88%	0.554		0%
Leader Electronics, Inc.	-AJ0S (D-Link)	120	60	14.4	12	0.11	84.94%	0.5453		0%
Leader Electronics, Inc.	-AJ0S(D-LINK)	120	60	14.4	12	0.11	84.94%	0.5453		0%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Leader Electronics, Inc.	-AJ1S(D-LINK)	100	50	14.4	12	0.158	85.68%	0.572		0%
Leader Electronics, Inc.	MT20-21120-A00F	110-127	60	9	12	0.060	84.5%	0.502		0%
Leader Electronics, Inc.	-A00F(Motorola)	110-127	60	9	12	0.054	83.81%	0.51		0%
Leader Electronics, Inc.	(RadioShack)	120	60	18	12	0.055	84.03%	0.541		0%
Leader Electronics, Inc.	Shack 273-1775)	120	60	18	12	0.052	83.85%	0.517		0%
Leader Electronics, Inc.	-A00S (Motorola)	100-240	50-60	2.7	9	0.044	73.97%	0.507	0.071	68.64%
Leader Electronics, Inc.	-A00S(TP-LINK)	100-240	50-60	4.2	12	0.121	74.54%	0.552	0.151	73.48%
Leader Electronics, Inc.	-A12S (CAMEO)	100	50-60	6.6	3.3	0.122	72.2%	0.504	0.232	71.49%
Leader Electronics, Inc.	-A42F (SerComm)	100-240	50-60	5	5	0.093	75.71%	0.501	0.104	73.28%
Leader Electronics, Inc.	-K60S (U-MEDIA)	100-240	50-60	5	5	0.069	76.9%	0.478	0.126	74.87%
Leader Electronics, Inc.	MU10-41052-A01S	100-240	50-60	5.2	5.2	0.084	76.52%	0.504	0.115	75.05%
Leader Electronics, Inc.	-A11S (SONY)	100-240	50-60	6.2	5.2	0.076	78.82%	0.509	0.122	77.29%
Leader Electronics, Inc.	MU10-41060-A10S	100-240	50-60	4.8	6	0.101	75.24%	0.494	0.110	72.67%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Leader Electronics, Inc.	MU10-41090-A00F	100-120	50-60	4.5	9	0.205	77.03%	0.463	0.137	73.7%
Leader Electronics, Inc.	-A00S (TP-LINK)	100-240	50-60	9	12	0.129	81.79%	0.506	0.177	80.33%
Leader Electronics, Inc.	-C00S (TP-LINK)	100-240	50-60	9	12	0.128	82.52%	0.510	0.178	80.44%
Leader Electronics, Inc.	-E00S (TP-LINK)	100-240	50-60	9	12	0.111	82.54%	0.511	0.147	80.14%
Leader Electronics, Inc.	-I00S (TP-LINK)	100-240	50-60	9	12	0.121	82.77%	0.511	0.149	79.91%
Leader Electronics, Inc.	-K00S (TP-LINK)	100-240	50-60	9	12	0.120	82.64%	0.510	0.164	79.92%
Leader Electronics, Inc.	2-A00S (SONY)	100-240	50-60	6.5	5.2	0.125	77.42%	0.54	0.22	76.05%
Leader Electronics, Inc.	6EGFF (PREMIER)	100-240	50-60	10	5	0.252	75.48%	0.535	0.286	75.53%
Leader Electronics, Inc.	-AJCS (SerComm)	100-240	50-60	10	5	0.244	76.64%	0.535	0.28	73.85%
Leader Electronics, Inc.	-ALJS (SerComm)	100-240	50-60	10	5	0.269	77.17%	0.515	0.288	76.43%
Leader Electronics, Inc.	-EF2F (SerComm)	100-240	50-60	10	5	0.254	77.11%	0.542	0.288	75.8%
Leader Electronics, Inc.	-EKFF (PREMIER)	100-240	50-60	10	5	0.252	75.48%	0.535	0.286	75.53%
Leader Electronics, Inc.	-GHSS (TCL)	100-240	50-60	6	5	0.231	75.45%	0.521	0.245	72.91%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Leader Electronics, Inc.	(grandstream)	100-240	50-60	6	5	0.234	76.22%	0.517	0.263	73.25%
Leader Electronics, Inc.	-GKQF (TP-LINK)	100-240	50-60	10	5	0.264	76.53%	0.53	0.293	75.68%
Leader Electronics, Inc.	-KICF (Hitrontech)	100-240	50-60	7.5	5	0.264	75.9%	0.509	0.294	72.79%
Leader Electronics, Inc.	-KKVF (Hitrontech)	100-240	50-60	5	5	0.255	73.21%	0.536	0.282	68.75%
Leader Electronics, Inc.	-KLBF (TP-LINK)	100-240	50-60	10	5	0.264	76.53%	0.53	0.293	75.68%
Leader Electronics, Inc.	-MKQF (TP-LINK)	100-240	50-60	10	5	0.264	76.53%	0.53	0.293	75.68%
Leader Electronics, Inc.	MU12-21060-AM0S (GE)	100-240	50-60	4.8	6	0.162	75.47%	0.521	0.193	72.43%
Leader Electronics, Inc.	-AE8S (CAMEO)	100-240	50-60	7.5	7.5	0.159	78.27%	0.502	0.240	74.84%
Leader Electronics, Inc.	-AH2S (CAMEO)	100-240	50-60	7.5	7.5	0.169	78.25%	0.498	0.227	75.18%
Leader Electronics, Inc.	-AH3S (CAMEO)	100-240	50-60	11.25	7.5	0.142	79.2%	0.539	0.216	77.66%
Leader Electronics, Inc.	-AH7S (CAMEO)	100	50-60	7.5	7.5	0.169	78.25%	0.498	0.227	75.18%
Leader Electronics, Inc.	-AI1S (CAMEO)	100-240	50-60	7.5	7.5	0.163	78.46%	0.488	0.254	76.95%
Leader Electronics, Inc.	-CN0S (DELTA)	100-240	50-60	7.5	7.5	0.169	78.25%	0.498	0.227	75.18%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Leader Electronics, Inc.	-GH0S (CAMEO)	100-240	50-60	7.5	7.5	0.167	78.72%	0.499	0.226	77.51%
Leader Electronics, Inc.	-A1HS (NETGEAR)	100-240	50-60	12	12	0.243	81.85%	0.544	0.294	80.78%
Leader Electronics, Inc.	-A1JS (NETGEAR)	100-240	50-60	12	12	0.243	81.85%	0.544	0.294	80.78%
Leader Electronics, Inc.	-KHHS (Mototech)	100-240	50-60	12	12	0.225	81.97%	0.544	0.295	80.82%
Leader Electronics, Inc.	-B00S (TECOM)	100-240	50-60	10	5	0.156	78.19%	0.534	0.209	77%
Leader Electronics, Inc.	-D00S (TECOM)	100-240	50-60	10	5	0.156	78.19%	0.534	0.209	77%
Leader Electronics, Inc.	-F00S (TECOM)	100-240	50-60	10	5	0.156	78.19%	0.534	0.209	77%
Leader Electronics, Inc.	-H00S (TECOM)	100-240	50-60	10	5	0.156	78.19%	0.534	0.209	77%
Leader Electronics, Inc.	-I00S (TECOM)	100-240	50-60	10	5	0.156	78.19%	0.534	0.209	77%
Leader Electronics, Inc.	-L00S (TECOM)	100-240	50-60	10	5	0.156	78.19%	0.534	0.209	77%
Leader Electronics, Inc.	-N00S (TECOM)	100-240	50-60	10	5	0.156	78.19%	0.534	0.209	77%
Leader Electronics, Inc.	oShack 273-1696)	100-240	50-60	15	7.5	0.053	80.26%	0.506	0.049	80.17%
Leader Electronics, Inc.	0-A51F (Gemtek)	100-240	50-60	12.5	5	0.148	78.11%	0.533	0.242	75.69%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Leader Electronics, Inc.	-A00S (Motorola)	100-240	50-60	16.2	18	0.149	85.23%	0.516	0.238	86.87%
Leader Electronics, Inc.	-A72F (Sercomm)	100-240	50-60	12.5	5	0.188	77.57%	0.535	0.290	75.79%
Leader Electronics, Inc.	-AG1S(Delta)	100-240	50-60	14	5	0.177	76.24%	0.546	0.286	76.37%
Leader Electronics, Inc.	-E71F (SerComm)	100-240	50-60	12.5	5	0.181	78.27%	0.54	0.296	77.91%
Leader Electronics, Inc.	1AF0F (FOXCONN)	100-240	50-60	18	9	0.220	81.36%	0.536	0.272	80.68%
Leader Electronics, Inc.	1CF0F (FOXCONN)	100-240	50-60	18	9	0.220	81.36%	0.536	0.272	80.68%
Leader Electronics, Inc.	1EF0F (FOXCONN)	100-240	50-60	18	9	0.220	81.36%	0.536	0.272	80.68%
Leader Electronics, Inc.	1IF0F (FOXCONN)	100-240	50-60	18	9	0.220	81.36%	0.536	0.272	80.68%
Leader Electronics, Inc.	1KF0F (FOXCONN)	100-240	50-60	18	9	0.220	81.36%	0.536	0.272	80.68%
Leader Electronics, Inc.	-AF0F (FOXCONN)	100-240	50-60	18	9	0.220	81.36%	0.536	0.272	80.68%
Leader Electronics, Inc.	-CF0F (FOXCONN)	100-240	50-60	18	9	0.220	81.36%	0.536	0.272	80.68%
Leader Electronics, Inc.	-EF0F (FOXCONN)	100-240	50-60	18	9	0.220	81.36%	0.536	0.272	80.68%
Leader Electronics, Inc.	-IF0F (FOXCONN)	100-240	50-60	18	9	0.220	81.36%	0.536	0.272	80.68%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Leader Electronics, Inc.	-KF0F (FOXCONN)	100-240	50-60	18	9	0.220	81.36%	0.536	0.272	80.68%
Leader Electronics, Inc.	-ACMS (U-MEDIA)	100-240	50-60	18	12	0.242	84.16%	0.542	0.262	83.48%
Leader Electronics, Inc.	-M10S(KunDian)	100-240	50-60	14.8	14.8	0.16	80.98%	0.547	0.257	79.27%
Leader Electronics, Inc.	-A00S (Motorola)	100-240	50-60	18	12	0.160	84.61%	0.530	0.213	84.39%
Leader Electronics, Inc.	-I00S (Motorola)	100-240	50-60	18	12	0.160	84.61%	0.530	0.213	84.39%
Leader Electronics, Inc.	-K00S (Motorola)	100-240	50-60	18	12	0.160	84.61%	0.530	0.213	84.39%
Leader Electronics, Inc.	-I00S (Motorola)	100-240	50-60	15	5	0.212	78.08%	0.537	0.260	76.77%
Leader Electronics, Inc.	-AAJS (Mediatek)	100-240	50-60	24	12	0.241	83.68%	0.533	0.264	84.29%
Leader Electronics, Inc.	-IAJS (Mediatek)	100-240	50-60	24	12	0.236	84.12%	0.536	0.263	84.69%
Leader Electronics, Inc.	-KAJS (Mediatek)	100-240	50-60	24	12	0.259	83.63%	0.539	0.269	85.42%
Leader Electronics, Inc.	-KHNS (FOXCONN)	100-240	50-60	24	12	0.26	83.13%	0.533	0.274	85.93%
Leader Electronics, Inc.	-A10F (Visonic)	100-240	50-60	20	12.5	0.199	83.43%	0.515	0.288	84.98%
Leader Electronics, Inc.	Shack 273-1668)	100-240	50-60	30	30	0.163	86.89%	0.521	0.226	86.93%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Leader Electronics, Inc.	-K10F (Hitrontech)	220-240	50	5	5		0%		0.107	73.18%
Leader Electronics, Inc.	-K12S (Arcadyan)	220-240	50	9	9		0%		0.114	77.45%
Leader Electronics, Inc.	MV12-41120 -CM0F	220-230	50-60	12	12		0%		0.130	83.62%
Leader Electronics, Inc.	-E25F (SerComm)	220-240	50-60	12	12		0%		0.107	82.65%
Leader Electronics, Inc.	MV12-41120 -EM0F	220-240	50-60	12	12		0%		0.133	83.44%
Leader Electronics, Inc.	-I32S (Arcadyan)	220-240	50	12	12		0%		0.107	83.15%
Leader Electronics, Inc.	-I34S (Arcadyan)	220-240	50	12	12		0%		0.107	83.15%
Leader Electronics, Inc.	-I82F (Gemtek)	230	50	12	12		0%		0.108	83.71%
Leader Electronics, Inc.	-I83F (Gemtek)	230	50	6	12		0%		0.110	78.7%
Leader Electronics, Inc.	MV12-41120 -IA0A	230	50	12	12		0%		0.132	84.65%
Leader Electronics, Inc.	MV12-41120 -IM0F	220-240	50-60	12	12		0%		0.134	83.46%
Leader Electronics, Inc.	-K55F(ZyXE L)	230	50	12	12		0%		0.108	83.12%
Leader Electronics, Inc.	-K80F (Gemtek)	230	50	6	12		0%		0.108	78.53%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Leader Electronics, Inc.	-K81F (Gemtek)	230	50	12	12		0%		0.108	84.19%
Leader Electronics, Inc.	-K10S (AbCom)	230	50	12	12		0%		0.105	84.16%
Leader Electronics, Inc.	MV12-41120 -KM0F	230	50	12	12		0%		0.131	84.2%
Leader Electronics, Inc.	MV12-D112 0-K00S	230	50	12	12		0%		0.111	84.5%
Leader Electronics, Inc.	0-K30S (Arcadyan)	230	50	12	12		0%		0.125	83.17%
Leader Electronics, Inc.	5-C50S (D-Link)	220	50-60	7.5	7.5		0%		0.088	84.05%
Leader Electronics, Inc.	5-E50S (D-Link)	220-240	50	7.5	7.5		0%		0.096	82.03%
Leader Electronics, Inc.	5-I50S (D-Link)	220-230	50	7.5	7.5		0%		0.092	83.84%
Leader Electronics, Inc.	5-K50S (D-Link)	220-230	50	7.5	7.5		0%		0.092	83.84%
Leader Electronics, Inc.	5-K51S (D-Link)	220	50-60	7.5	7.5		0%		0.088	84.05%
Leader Electronics, Inc.	5-M50S (D-Link)	220	60	7.5	7.5		0%		0.099	82.2%
Leader Electronics, Inc.	0-C30S (Arcadyan)	220	50-60	9	9		0%		0.193	82.97%
Leader Electronics, Inc.	0-C70S (D-Link)	220-230	50	9	9		0%		0.123	84.74%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Leader Electronics, Inc.	0-E70S (D-Link)	220-240	50	9	9		0%		0.099	82.95%
Leader Electronics, Inc.	0-I70S (D-Link)	220-230	50	9	9		0%		0.069	84.65%
Leader Electronics, Inc.	0-K30S (Arcadyan)	220-230	50	9	9		0%		0.117	84.34%
Leader Electronics, Inc.	0-K70S (D-Link)	220-230	50	9	9		0%		0.069	84.65%
Leader Electronics, Inc.	0-K71S (D-Link)	220-230	50	9	9		0%		0.123	84.74%
Leader Electronics, Inc.	0-M70S (D-Link)	220	60	9	9		0%		0.105	84.94%
Leader Electronics, Inc.	0-C00S (NETGEAR)	220-240	50	12	12		0%		0.124	86.07%
Leader Electronics, Inc.	0-C01S (NETGEAR)	220-240	50	12	12		0%		0.124	86.07%
Leader Electronics, Inc.	0-C02S (NETGEAR)	220-230	50	12	12		0%		0.122	87.09%
Leader Electronics, Inc.	0-C03S (NETGEAR)	220-230	50	12	12		0%		0.122	87.09%
Leader Electronics, Inc.	0-CR0S (D-Link)	220	50-60	12	12		0%		0.199	84.56%
Leader Electronics, Inc.	0-E00S (NETGEAR)	220-230	50	12	12		0%		0.122	87.09%
Leader Electronics, Inc.	0-E01S (NETGEAR)	220-230	50	12	12		0%		0.122	87.09%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Leader Electronics, Inc.	0-E02S (NETGEAR)	220-230	50	12	12		0%		0.122	87.09%
Leader Electronics, Inc.	0-E03S (NETGEAR)	220-230	50	12	12		0%		0.122	87.09%
Leader Electronics, Inc.	0-E61S(Ser Comm)	240	50	12	12		0%		0.122	86.91%
Leader Electronics, Inc.	0-ER0S (D-Link)	220-240	50	12	12		0%		0.123	85.93%
Leader Electronics, Inc.	0-I00S (NETGEAR)	220-230	50	12	12		0%		0.122	87.09%
Leader Electronics, Inc.	0-I01S (NETGEAR)	220-230	50	12	12		0%		0.122	87.09%
Leader Electronics, Inc.	0-I02S (NETGEAR)	220-230	50	12	12		0%		0.122	87.09%
Leader Electronics, Inc.	0-I03S (NETGEAR)	220-230	50	12	12		0%		0.122	87.09%
Leader Electronics, Inc.	0-I40S (Arcadyan)	220-230	50	12	12		0%		0.134	85.67%
Leader Electronics, Inc.	0-IR0S (D-Link)	220-230	50	12	12		0%		0.115	86.72%
Leader Electronics, Inc.	0-K00S (NETGEAR)	220-230	50	12	12		0%		0.122	87.09%
Leader Electronics, Inc.	0-K01S (NETGEAR)	220-230	50	12	12		0%		0.122	87.09%
Leader Electronics, Inc.	0-K02S (NETGEAR)	220-230	50	12	12		0%		0.122	87.09%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Leader Electronics, Inc.	0-K03S (NETGEAR)	220-230	50	12	12		0%		0.122	87.09%
Leader Electronics, Inc.	0-K50S(Abo com)	230	50	12	12		0%		0.119	86.67%
Leader Electronics, Inc.	0-KR0S (D-Link)	220-230	50	12	12		0%		0.115	86.72%
Leader Electronics, Inc.	0-KR1S (D-Link)	220	50-60	12	12		0%		0.199	84.56%
Leader Electronics, Inc.	0-M00S (NETGEAR)	220-230	50	12	12		0%		0.124	86.07%
Leader Electronics, Inc.	0-M01S (NETGEAR)	220-230	50	12	12		0%		0.124	86.07%
Leader Electronics, Inc.	0-M02S (NETGEAR)	220-230	50	12	12		0%		0.122	87.09%
Leader Electronics, Inc.	0-M03S (NETGEAR)	220-230	50	12	12		0%		0.122	87.09%
Leader Electronics, Inc.	0-MR0S (D-Link)	220	60	12	12		0%		0.117	86.48%
Leader Electronics, Inc.	-K01S (Arcadyan)	220-240	50	18	15		0%		0.140	84.93%
Leader Electronics, Inc.	0-CC0S(D-LINK)	220	50-60	14.4	12		0%		0.176	85.44%
Leader Electronics, Inc.	0-EC0S(D-LINK)	240	50	14.4	12		0%		0.159	85.3%
Leader Electronics, Inc.	0-IC0S(D-LINK)	230	50	14.4	12		0%		0.166	85.04%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Leader Electronics, Inc.	0-KC0S (D-Link)	230	50	14.4	12		0%		0.166	85.04%
Leader Electronics, Inc.	0-KC1S (D-Link)	220-240	50	14.4	12		0%		0.176	85.44%
Leader Electronics, Inc.	0-MC0S(D-LINK)	220	60	14.4	12		0%		0.17	85.73%
Leader Electronics, Inc.	0-K10S (Zyxel)	230	50	18	18		0%		0.183	87.2%
Leader Electronics, Inc.	NU10-71050-300F/301F	100-240	50-60	10	5	0.142	76.07%	0.572	0.166	74.05%
Leader Electronics, Inc.	-330F (SONY)	100-240	50-60	10	5	0.148	75.43%	0.572	0.154	73.59%
Leader Electronics, Inc.	-2L5S (Gemtek)	100-240	50-60	24	12	0.279	83.49%	0.558	0.273	83.77%
Leader Electronics, Inc.	-3CGF(GE Security)	100-240	50-60	12	12	0.245	82.52%	0.5	0.263	78.99%
Leader Electronics, Inc.	-3CGS(GE Security)	100-240	50-60	9	12	0.214	80.53%	0.496	0.242	76.7%
Leader Electronics, Inc.	-140F (SerComm)	100-240	50-60	19.92	12	0.238	83.79%	0.539	0.279	81.6%
Leader Electronics, Inc.	-141F (SerComm)	100-240	50-60	19.92	12	0.225	83.85%	0.537	0.279	81.47%
Leader Electronics, Inc.	0-310S (Fabricators)	100-240	50-60	21	14	0.220	82.75%	0.552	0.285	81.81%
Leader Electronics, Inc.	-300S (Motorola)	100-240	50-60	23.8	14	0.237	82.86%	0.558	0.278	82.44%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Leader Electronics, Inc.	-310F (FOSTER)	100-240	50-60	34	17	0.167	85.81%	0.515	0.239	84.43%
Leader Electronics, Inc.	-320F (Brother)	100-240	50-60	60	24	0.156	87.76%	0.528	0.188	87.84%
Leader Electronics, Inc.	NU60-61240 -330F (SII)	100-240	50-60	60	24	0.156	87.76%	0.528	0.188	87.84%
Leader Electronics, Inc.	-230F (CAMEO)	100-240	50-60	84	12	0.216	87.2%	0.991	0.386	87.39%
Leader Electronics, Inc.	(RadioShack)	120	60	41.4	13.8	0.297	89.28%	0.514		0%
Lite-On Technology Corporation	PA-1121-04 LC	100-240	50-60	120	19.5	0.21	88.9%	0.991	0.24	87.24%
Lite-On Technology Corporation	PA-1121-04 LI	100-240	50-60	120	19.5	0.231	88.55%	0.991	0.26	88.71%
Lite-On Technology Corporation	PA-1121-04 LL	100-240	50-60	120	19	0.353	89.44%	0.992	0.417	89.82%
Lite-On Technology Corporation	PA-1121-04 TI	100-240	50-60	120	19	0.2	88.36%	0.991	0.243	89.03%
Lite-On Technology Corporation	PA-1121-04 TV	100~240	50-60	120	19	0.195	90.01%	0.98	0.253	90.43%
Lite-On Technology Corporation	PA-1121-08 TI	100-240	50-60	120	19	0.198	90.09%	0.991	0.233	90.51%
Lite-On Technology Corporation	PA-1121-26 AS	100-240	50-60	120	19	0.132	89.34%	0.967	0.243	89.1%
Lite-On Technology Corporation	PA-1131-06 HF	100-240	50-60	130	19.5	0.27	88.74%	0.992	0.29	87.85%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Lite-On Technology Corporation	PA-1131-06 HN	100-240	50-60	130	19.5	0.27	87.68%	0.993	0.29	87.17%
Lite-On Technology Corporation	PA-1151-03 HN	100-240	50-60	150	19.5	0.30	89.22%	0.989	0.33	89.52%
Lite-On Technology Corporation	PA-1151-03 HS	100-240	50-60	150	19.5	0.30	89.22%	0.989	0.33	89.52%
Lite-On Technology Corporation	PA-1200-02 H-ROHS	100-240	50-60	20	32	0.207	86.57%	0.5	0.267	83.77%
Lite-On Technology Corporation	PA-1221-06 D	100-240	50-60	220	19.5	0.307	89.01%	0.997	0.4767	89.73%
Lite-On Technology Corporation	PA-1300-04 AC	100-240	50-60	30	19	0.23	87.46%	0.387	0.23	86.15%
Lite-On Technology Corporation	PA-1300-04 AF	100-240	50-60	30	19	0.23	87.46%	0.387	0.23	86.15%
Lite-On Technology Corporation	PA-1300-04 H	100-240	50-60	30	19	0.23	86.81%	0.375	0.23	86.74%
Lite-On Technology Corporation	PA-1360-02 H-ROHS	100-240	50-60	36	24	0.064	87.39%	0.519	0.034	86.79%
Lite-On Technology Corporation	PA-1400-06l N	100-240	50-60	40	19	0.20	87.93%	0.527	0.21	86.77%
Lite-On Technology Corporation	PA-1500-09 H1	100-240	50-60	50	32	0.162	89.39%	0.509	0.143	88.82%
Lite-On Technology Corporation	PA-1600-06 XX	100-240	50-60	60	19	0.27	87.03%	0.564	0.37	87.71%
Lite-On Technology Corporation	PA-1650-02 DW	100-240	50-60	65	19.5	0.27	87.27%	0.51	0.32	87.48%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Lite-On Technology Corporation	PA-1650-02 HF	100-240	50-60	65	19.5	0.196	87.78%	0.552	0.25	87.07%
Lite-On Technology Corporation	PA-1650-02 HN	100-240	50-60	65	19.5	0.196	87.78%	0.552	0.25	87.07%
Lite-On Technology Corporation	PA-1650-0X DX	100-240	50-60	65	19.5	0.34	87.22%	0.545	0.4	87.02%
Lite-On Technology Corporation	PA-1650-25 D	100-240	50-60	65	19.5	0.30	88.37%	0.536	0.27	88.38%
Lite-On Technology Corporation	PA-1650-26 D	100-240	50-60	65	19.5	0.30	88.37%	0.536	0.27	88.38%
Lite-On Technology Corporation	PA-1650-52 LC	100-240	50-60	65	19	0.12	87.93%	0.523	0.17	87.28%
Lite-On Technology Corporation	PA-1750-04 SY	100-240	50-60	75	19.5	0.2	89.29%	0.986	0.2433	88.24%
Lite-On Technology Corporation	PA-1750-09 SY	100-240	50-60	75	19.5	0.2	89.12%	0.986	0.243	88.24%
Lite-On Technology Corporation	PA-1900-01 D6	100-240	50-60	90	19.5	0.253	87.59%	0.983	0.3	87.52%
Lite-On Technology Corporation	PA-1900-03 RL	100-240	50-60	90	19	0.304	88.71%	0.992	0.427	87.79%
Lite-On Technology Corporation	PA-1900-04I 2	100-240	50-60	90	19	0.32	87.89%	0.996	0.47	87.54%
Lite-On Technology Corporation	PA-1900-04 RL	100-240	50-60	90	19	0.295	89.19%	0.993	0.41	88.31%
Lite-On Technology Corporation	PA-1900-09 A1	100-240	50-60	90	19	0.332	89.88%	0.98	0.37	88.42%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Lite-On Technology Corporation	PA-1900-09 AS	100-240	50-60	90	19	0.332	89.88%	0.98	0.37	88.42%
Lite-On Technology Corporation	PA-1900-23 AS	100-240	50-60	90	19	0.174	87.46%	0.977	0.22	88.06%
Lite-On Technology Corporation	PA-1900-24 AC	100-240	50-60	90	19	0.183	87.81%	0.984	0.217	87.89%
Lite-On Technology Corporation	PA-1900-24 AP	100-240	50-60	90	19	0.184	87.15%	0.98	0.23	87.15%
Lite-On Technology Corporation	PA-1900-24 AS	100-240	50-60	90	19	0.182	87.09%	0.985	0.21	87.32%
Lite-On Technology Corporation	PA-1900-25 D	100-240	50-60	90	19.5	0.21	87.32%	0.958	0.243	87.2%
Lite-On Technology Corporation	PA-1900-26 D	100-240	50-60	90	19.5	0.21	87.32%	0.958	0.243	87.2%
Lite-On Technology Corporation	PA-1900-331 N	100-240	50-60	90	14	0.18	87.79%	0.985	0.226666667	87.41%
Lite-On Technology Corporation	PB-1320-01 A-ROHS	100-127	60	32	12	0.132	83.97%	0.520		0%
Lite-On Technology Corporation	VGP-AC19V 33	100-240	50-60	75	19.5	0.2	89.13%	0.986	0.2433	88.24%
Macroway Technologies	PTA-5070C9 US	100-240	50-60	3.5	5	0.05	74.73%	0.52	0.12	66.27%
MayaMax	SDL MAYAMAX	100-240	50-60	4	5	0.10	74.15%	0.578	0.18	71.14%
Manufacturer Co., Ltd.	ADS10-W 050200	100-240	50-60	10	5	0.10	73.84%	0.71	0.22	73.55%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Manufacturer Co., Ltd.	ADS10-W 060200	100-240	50-60	12	6	0.16	79.49%	0.7	0.28	78.76%
Manufacturer Co., Ltd.	ADS10-W 120050	100-240	50-60	6	12	0.12	78.97%	0.75	0.23	79.38%
Manufacturer Co., Ltd.	ADS10-W 120060	100-240	50-60	7.2	12	0.1	76.63%	0.70	0.1	75.96%
Manufacturer Co., Ltd.	ADS10-W 120080	100-240	50-60	9.6	12	0.12	79.03%	0.75	0.23	78.39%
Manufacturer Co., Ltd.	ADS18B-B 120100	100-240	50-60	12	12	0.1	80.37%	0.74	0.24	80.25%
Manufacturer Co., Ltd.	ADS18B-B 150100	100-240VAC	50-60	15	15	0.12	80.66%	0.75	0.22	79.4%
Manufacturer Co., Ltd.	ADS18B-B 180100	100-240	50-60	18	18	0.14	82.81%	0.71	0.23	82.99%
Manufacturer Co., Ltd.	ADS18B-B 220082	100-240	50-60	18	22	0.1	81.96%	0.73	0.19	81.78%
Manufacturer Co., Ltd.	ADS18B-D 100120	100-240	50-60	12	10	0.1	80.24%	0.73	0.25	80.25%
Manufacturer Co., Ltd.	ADS18B-D 150120	100-240	50-60	18	15	0.1	81.8%	0.75	0.19	81.71%
Manufacturer Co., Ltd.	ADS18B-D 180100	100-240	50-60	18	18	0.15	82.46%	0.75	0.26	82.46%
Manufacturer Co., Ltd.	ADS18B-W 120125	100-240	50-60	15	12	0.14	81.9%	0.72	0.20	81.91%
Manufacturer Co., Ltd.	switching adaptor	100-240	50-60	27	22	0.1	86.02%	0.75	0.1	85.64%

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Phihong USA Corporation	AC-3 series	110-240	50-60	1.75	5	0.08	72.65%	0.528	0.09	68.34%
Phihong USA Corporation	AC-3 Series	110-240	50-60	1.75	5	0.080	72.65%	0.528	0.09	68.34%
Phihong USA Corporation	AC-4E	100-240	50-60	4.45	5	0.14	71.96%	0.544	0.203	69.98%
Phihong USA Corporation	PHC STANDARD	100-240	50-60	30	24	0.16	84.78%	0.504	0.19	85.26%
Phihong USA Corporation	PHC STANDARD	100-240	50-60	5	9	.14	77.35%	.549	.26	74.4%
Phihong USA Corporation	PHC STANDARD	100~240	50-60	5	5	0.05	71.13%	0.443	0.107	70.21%
Phihong USA Corporation	PHIHONG STANDARD	100-240	50-60	10	5	.137	77.84%	.552	.223	77%
Phihong USA Corporation	PHIHONG STANDARD	100-240	50-60	5	5	.05	71.63%	.543	.1	72%
Phihong USA Corporation	PHIHONG STANDARD	100-240	50-60	5	5	.13	72.19%	.487	.213	70.28%
Phihong USA Corporation	PHIHONG STANDARD	100-240	50-60	5	5	.157	72.96%	.489	.227	70.88%
Phihong USA Corporation	PHIHONG STANDARD	100-240	50-60	60	24	.307	89.49%	.591	.36	89.89%
Phihong USA Corporation	STANDARD 5W	100-240	50-60	5	5	0.15	73.23%	0.518	0.19	69.93%
Phihong USA Corporation	PSB05R-05 0Q(Q1)-R	100~240	50-60	5	5	0.05	71.13%	0.443	0.107	70.21%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Phihong USA Corporation	PSB05R-05 0Q-R	100-240	50-60	5	5	.08	73.41%	.501	.12	72.64%
Power-Win Technology Corp.	PW-065A-1 Y24FX	100-240	50-60	65	24	0.22	88.26%	0.53	0.26	87.12%
Power-Win Technology Corp.	PW-065A-1 Y36FX	100-240	50-60	65	36	0.21	88.89%	0.53	0.24	88.43%
Power-Win Technology Corp.	PW-065A-1 Y48FX	100-240	50-60	65	48	0.24	89.24%	0.52	0.28	88.48%
Power-Win Technology Corp.	PW-080A2-1 Y18AP	100-240	50-60	80	18	0.17	88.35%	0.988	0.43	87.25%
Power-Win Technology Corp.	PW-080A2-1 Y24AP	100-240	50-60	80	24	0.15	89.92%	0.991	0.39	88.7%
RFTech Co., Ltd.	ATADB10	100-240	50-60	3.5	5	0.070	71.54%	0.52	0.12	68.11%
RFTech Co., Ltd.	ATADD12	100-240	50-60	5	5.0	0.15	70.84%	0.63	0.23	68.51%
RFTech Co., Ltd.	ATADD21	100-240	50-60	3.5	5	0.10	69.73%	0.52	0.17	67.39%
RFTech Co., Ltd.	ATADH11	100-240	50-60	5	5.0	0.15	70.84%	0.63	0.23	68.51%
RFTech Co., Ltd.	ATADM10	100-240	50-60	3.5	5	0.10	70.74%	0.52	0.17	68.12%
RFTech Co., Ltd.	ATADM11	100-240	50-60	5.0	5	0.15	69.6%	0.63	0.23	69.62%
RFTech Co., Ltd.	ATADN10	100-240	50-60	3.5	5	0.070	71.54%	0.52	0.120	68.11%

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RFTech Co., Ltd.	ATADN30	100-240	50-60	2.6125	4.75	0.10	68.38%	0.47	0.17	65.2%
RFTech Co., Ltd.	ATADS10	100-240	50-60	3.5	5	0.070	70.5%	0.52	0.12	67.99%
RFTech Co., Ltd.	ATADS11	100-240	50-60	5.0	5	0.15	69.3%	0.63	0.23	69.35%
RFTech Co., Ltd.	ATADS30	100-240	50-60	2.6125	4.75	0.10	68.38%	0.47	0.17	65.2%
RFTech Co., Ltd.	ATADS31EB E	100-240	50-60	3.5	5	0.023	75.22%	0.50	0.026	74.89%
RFTech Co., Ltd.	ATADU10	100-240	50-60	3.5	5	0.070	71.41%	0.52	0.120	68.34%
RFTech Co., Ltd.	ATADV10	100-240	50-60	3.5	5.0	0.11	71.74%	0.54	0.19	68.79%
RFTech Co., Ltd.	ATADW10	100-240	50-60	3.5	5.0	0.13	72.17%	0.51	0.19	68.95%
RFTech Co., Ltd.	ATADW11	100-240	50-60	5	5.0	0.15	69.05%	0.64	0.23	68.89%
RFTech Co., Ltd.	ATSDS20	100-240	50-60	3.5	5	0.10	69.96%	0.52	0.17	66.35%
(ShenZhen) Co. Ltd.	32XX	100-240	50-60	3.5	5.0	0.08	73.08%	0.539	0.11	72.61%
(ShenZhen) Co. Ltd.	4302Q	100-240	50-60	0.625	5.0	0.067	52.36%	0.415	0.11	44.22%
(ShenZhen) Co. Ltd.	4332S	120	60	0.6	4.0	0.087	58.8%	0.457		0%

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(ShenZhen) Co. Ltd.	491XS	100-240	50-60	3.25	5.0	0.09	70.93%	0.56	0.16	68.68%
(ShenZhen) Co. Ltd.	5102,5105	100-240	50-60	2.75	5	.10	64.09%	.546	.10	64.09%
(ShenZhen) Co. Ltd.	5702	100-240	50-60	2.75	5	0.07	70.72%	0.515	0.24	63.81%
(ShenZhen) Co. Ltd.	5802	100-240	50-60	2.75	5	0.07	70.72%	0.515	0.24	63.81%
(ShenZhen) Co. Ltd.	8102	100-240	50-60	5	5	0.04	73.65%	0.547	0.09	68.58%
(ShenZhen) Co. Ltd.	910XX	100-240	50-60	3.43	4.9	0.14	67.81%	0.55	0.24	66.38%
(ShenZhen) Co. Ltd.	AC-3U	100-240	50-60	1.75	5	0.10	72.63%	.489	0.13	68.41%
(ShenZhen) Co. Ltd.	AC-4U	100-240	50-60	4.45	5	.07	70.65%	.579	.11	70.63%
(ShenZhen) Co. Ltd.	AC-5U	100-240	50-60	4	5	0.15	71.26%	0.567	0.2	68.45%
(ShenZhen) Co. Ltd.	AC-6U,ac-7u v	100-240	50-60	2.75	5	0.03	73.18%	0.524	0.08	67.64%
(ShenZhen) Co. Ltd.	AC-8U	100-240	50-60	4.45	5	0.02	71.98%	0.576	0.02	71%
(ShenZhen) Co. Ltd.	ATADN30	100-240	50-60	2.6125	4.75	0.052	70.19%	0.511	0.096	67.95%
(ShenZhen) Co. Ltd.	ATADU30	100-240	50-60	2.6125	4.75	0.052	70.21%	0.515	0.098	68.09%

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(ShenZhen) Co. Ltd.	ATADU30I	150-300	50-60	2.6125	4.75	0.035	71.6%	0.553	0.071	68.2%
(ShenZhen) Co. Ltd.	STA-P52WS	100-240	50-60	3.57	5.1	0.048	71.28%	0.53	0.077	67.74%
(ShenZhen) Co. Ltd.	STA-P53WS	100-240	50-60	1.92	4.8	0.157	74.84%	0.498	0.173	68.12%
(ShenZhen) Co. Ltd.	STA-P54WS	100-240	50-60	3.5	5.0	0.08	73.31%	0.541	0.151	70.27%
(ShenZhen) Co. Ltd.	STA-U12WS	100-240	50-60	3.57	5.1	0.031	71.66%	0.55	0.063	68.39%
(ShenZhen) Co. Ltd.	STA-U32WS	100-240	50-60	3.57	5.1	0.048	71.28%	0.53	0.077	67.74%
(ShenZhen) Co. Ltd.	STA-U32WS I	100-240	50-60	3.57	5.1	0.048	71.31%	0.53	0.078	67.75%
(ShenZhen) Co. Ltd.	STA-U33WS	100-240	50-60	1.92	4.8	0.158	74.71%	0.498	0.171	68.22%
Samsung Electronics Co., Ltd.	YA-AD200	100-240	50-60	5	5	0.208	71.71%	0.57	0.246	69.08%
Sanken Electric Co., Ltd.	A.. (.may be A-Z)	100-240	50-60	78	15.6	0.06	88.02%	0	0.12	88.62%
Sanken Electric Co., Ltd.	CF-AA6372 A M2	100-240	50-60	60	16	0.18	90.05%	0	0.24	89.24%
Sanken Electric Co., Ltd.	SEB55N2-1 6.0	100-240	50-60	40	16	0.15	88.49%	0	0.18	87.32%
Sanken Electric Co., Ltd.	SED80N2-2 4.0	100-240	50-60	63.6	24	0.19	88.89%	0	0.20	88.91%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Sanken Electric Co., Ltd.	SEE100P2-1 9.0	100-240	50-60	80.18	19	0.18	88.28%	0	0.18	88.75%
Sanken Electric Co., Ltd.	SEE120P2-1 9.0	100-240	50-60	100.13	19	0.13	88.66%	0.98	0.25	89.58%
Scosche Industries	IP2INT	100-240	50-60	5.2	5.2	.17	76.05%	0.576	0.21	71.04%
Scosche Industries	IP3IN1	100-240	50-60	5.2	5.2	0.17	76.05%	0.576	0.21	71.04%
Scosche Industries	IPHC	100-240	50-60	5	5	.11	74.09%	0.553	.16	73.77%
Scosche Industries	IPHCBK	100-240	50-60	5	5	.11	74.09%	.553	.16	73.77%
Scosche Industries	IPPWR 1A	100-240	50-60	5.2	5.2	0.17	76.05%	0.576	0.21	71.04%
Enterprises Co., Ltd.	SF15-30005 0U	100-240	50-60	15	30	0.17	84.95%	0.518	0.26	81.45%
Enterprises Co., Ltd.	SF24-50004 8U	100-240	50-60	24	50	0.25	83.42%	0.565	0.216	84.21%
Sunlin Electronics Co., Ltd.	STA-P52WR	100-240	50-60	3.57	5.1	0.090	68.09%	0.958	0.15	66.56%
Sunlin Electronics Co., Ltd.	STA-P53WR	100-240	50-60	1.92	4.8	0.14	71.72%	0.938	0.18	67.58%
Sunlin Electronics Co., Ltd.	STA-P54WR	100-240	50-60	3.57	5.1	0.097	69.7%	0.958	0.183	66.81%
Sunlin Electronics Co., Ltd.	STA-U12WR	100-240	50-60	3.57	5.1	0.09	70.64%	0.961	0.15	68.38%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Sunlin Electronics Co., Ltd.	STA-U32WR I	100-240	50-60	3.57	5.1	0.09	68.56%	0.958	0.143	66.71%
Sunlin Electronics Co., Ltd.	STA-U33WR	100-240	50-60	1.92	4.8	0.137	71.87%	0.940	0.18	67.75%
Technics Electronic Co., Ltd.	TESA1G-07 52200d	100-240	50-60	15	7.5	0.09	80.4%	0.505	0.16	79.7%
Technics Electronic Co., Ltd.	TESA1G-07 52200dA	100-240	50-60	15	7.5	0.1	80.7%	0.519	0.16	79.73%
Technics Electronic Co., Ltd.	TESA1G-07 52200dB	100-240	50-60	15	7.5	0.12	81.09%	0.507	0.2	79.94%
Technics Electronic Co., Ltd.	TESA1G-07 52200dH	100-240	50-60	15	7.5	0.09	80.4%	0.505	0.16	79.7%
Technics Electronic Co., Ltd.	TESA1G-07 52200dV	100-240	50-60	15	7.5	0.12	80.64%	0.519	0.2	79.94%
Technics Electronic Co., Ltd.	TESA1G-09 02000d	100-240	50-60	13.5	9	0.12	81.07%	0.505	0.24	79.42%
Technics Electronic Co., Ltd.	TESA1G-12 01300d-1	100-240	50-60	15.6	12	0.1	79.75%	0.482	0.21	79.54%
Technics Electronic Co., Ltd.	TESA1G-12 01500	100-240	50-60	18	12	0.11	83.03%	0.534	0.23	82.72%
Technics Electronic Co., Ltd.	TESA1G-12 01500-1	100-240	50-60	15.6	12	0.12	83.22%	0.482	0.22	82.94%
Technics Electronic Co., Ltd.	TESA1G-12 01500-2	100-240	50-60	15.6	12	0.12	83.2%	0.482	0.22	82.94%
Technics Electronic Co., Ltd.	TESA1G-12 01500-3	100-240	50-60	15.6	12	0.12	82.9%	0.482	0.22	81.75%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Technics Electronic Co., Ltd.	TESA1G-12 01500d	100-240	50-60	12	12	0.11	81.35%	0.481	0.22	80.9%
Technics Electronic Co., Ltd.	TESA1G-12 01500dA	100-240	50-60	12	12	0.11	82.42%	0.491	0.2	81.59%
Technics Electronic Co., Ltd.	TESA1G-12 01500dV	100-240	50-60	12	12	0.11	82.42%	0.491	0.2	81.59%
Technics Electronic Co., Ltd.	TESA1G-15 01200	100-240	50-60	15	15	0.19	82.78%	0.521	0.28	82.44%
Technics Electronic Co., Ltd.	TESA1G-15 01200d	100-240	50-60	13.5	13.5	0.12	82.48%	0.502	0.23	81.05%
Technics Electronic Co., Ltd.	TESA1G-24 00750	100-240	50-60	9.6	24	0.15	79.82%	0.509	0.24	78.32%
Technics Electronic Co., Ltd.	TESA2G-15 01700d	100-240	50-60	23.8	14	0.11	82.37%	0.51	0.22	82.06%
Technics Electronic Co., Ltd.	TESA2G-24 01050	100-240	50-60	24	24	0.11	86.03%	0.515	0.23	84.51%
Technics Electronic Co., Ltd.	TESA4G-24 02000-2	100-240	50-60	48	24	0.14	88.65%	0.519	0.25	88.26%
Technics Electronic Co., Ltd.	TESA5G1-0 501200	100-240	50-60	5	5	0.061	76.29%	0.572	0.152	69.43%
Technics Electronic Co., Ltd.	TESA8G-12 05000-1	100-240	50-60	48	12	0.23	86.43%	0.55	0.28	87.44%
Technics Electronic Co., Ltd.	00750MIP-* C	100-120	50-60	9	12	0.07	76.34%	0.528		0%
Technics Electronic Co., Ltd.	00750MIP-* C	100-120	50-60	9	12	0.09	77.6%	0.54		0%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Technics Electronic Co., Ltd.	00750MIP-U *	100-120	50-60	9	12	0.07	77.58%	0.537		0%
Technics Electronic Co., Ltd.	00750MIP-U B	100-120	50-60	9	12	0.07	77.58%	0.537		0%
Technics Electronic Co., Ltd.	00750MIP-U C	100-120	50-60	9	12	0.07	77.58%	0.537		0%
Technics Electronic Co., Ltd.	00750MIP-Y D	100-120	50-60	9	12	0.072	81.24%	0.539		0%
Technics Electronic Co., Ltd.	00800MIP-Z A	100-120	50-60	9.6	12	0.07	78.68%	0.543		0%
Tech-Power International Co.	ETPCA-050 065UY	100-240	50-60	3.3	5.0	0.09	69.48%	0.547	0.15	67.38%
Tech-Power International Co.	ETPCA-051 065UY	100-240	50-60	3.3	5.1	0.10	70.25%	0.55	0.15	67.71%
Tech-Power International Co.	ETPCA-053 060UY	100-240	50-60	3.2	5.3	0.10	69.77%	0.543	0.15	66.96%
Tech-Power International Co.	ETPCA-053 065UY	100-240	50-60	3.5	5.3	0.1	68.87%	0.55	0.18	66.9%
Tech-Power International Co.	ETPCA-053 068UY	100-240	50-60	3.6	5.3	0.11	70.6%	0.553	0.16	67.89%
Tech-Power International Co.	ETPCA-135 026U	120	50	3.51	13.5	0.12	73.69%	0.55	0.12	73.49%
Tech-Power International Co.	GTSA-1201 00TI	115	60	12	12	0.254	79.76%	.52	0.26	77.96%
Tech-Power International Co.	PQLV206 XX ZA-LH	100-240	50-60	6.75	9.0	0.12	75.46%	0.52	0.14	77.38%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
Tech-Power International Co.	PQLV256 XX-LH	100-240	50-60	6.75	9.0	0.12	75.46%	0.52	0.14	77.38%
TTI Floor Care NA Inc	Kwik	120	60	.5	5	.23	47.91%	.5793		0%
(Shen-Zhen) Co., Ltd.	POWER SUPPLY	100-240	50-60	18	12	0.2	83.43%	0.99	0.2	81.09%
(Shen-Zhen) Co., Ltd.	UT315-1212	100-240	50-60	15	12	0.007	81.37%	0.583	0.13	79.43%
Unitron Co., Ltd.	ATADD11	100-240	50-60	3.5	5.0	0.1	70.32%	0.52	0.2	67.78%
Unitron Co., Ltd.	ATADM10	100-240	50-60	3.5	5.0	0.1	70.55%	0.52	0.2	68.14%
Unitron Co., Ltd.	ATADS10	100-240	50-60	3.5	5.0	0.1	71.02%	0.52	0.2	67.71%
Unitron Co., Ltd.	ATADS20	100-240	50-60	3.5	5.0	0.1	75.81%	0.52	0.2	70.03%
Unitron Co., Ltd.	ATADS30	100-240	50-60	2.6	4.75	0.16	69.01%	0.52	0.18	66.26%
Unitron Co., Ltd.	ATADV10	100-240	50-60	3.5	5.0	0.1	70.23%	0.52	0.2	68.54%
Unitron Co., Ltd.	ATADW10	100-240	50-60	3.5	5.0	0.1	70.63%	0.52	0.2	67.97%
XP Power	AEB70US15	100-240	50-60	69	15	0.401	87.62%	0.528	0.381	87.86%
XP Power	AEB70US18	100-240	50-60	70	18	0.300	87.09%	0.533	0.395	87.55%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
XP Power	AEB70US19	100-240	50-60	70	19	0.321	87.38%	0.538	0.379	87.88%
XP Power	AEB70US24	100-240	50-60	72	24	0.314	88.26%	0.532	0.420	88.67%
XP Power	AEL15US08	100-240	50-60	12	8	0.152	80.08%	0.559	0.218	79.46%
XP Power	AEL15US12	100-240	50-60	15	12	0.12	80.58%	0.574	0.188	80.11%
XP Power	AEL15US15	100-240	50-60	15	15	0.194	81.96%	0.572	0.270	80.89%
XP Power	AEL15US18	100-240	50-60	15	18	0.134	83.7%	0.574	0.204	82.26%
XP Power	AEL40US18	100-240	50-60	40	18	0.177995	87.39%	0.511	0.286	85.74%
XP Power	AEL60US24	100-240	50-60	63	24	0.197	87.32%	0.510	0.287	88.21%
XP Power	AEL60US30	100-240	50-60	63	30	0.2298	88.09%	0.514	0.319	89.03%
XP Power	AEL60US36	100-240	50-60	63	36	0.276	89.49%	0.509	0.345	90.34%
XP Power	AEL60US48	100-240	50-60	63	48	0.302	88.76%	0.509	0.381	89.03%
XP Power	AEL80US15	100-240	50-60	80	15	0.279	87.66%	0.988	0.459	87.04%
XP Power	AEL80US18	100-240	50-60	80	18	0.255	88.13%	0.993	0.435	87.2%

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Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
XP Power	AEL80US30	100-240	50-60	80	30	0.258	88.52%	0.994	0.441	87.47%
XP Power	AEL80US36	100-240	50-60	80	36	0.241	88.84%	0.993	0.420	87.68%
XP Power	AML120PS18	100-240	50-60	120	18	0.14	88.53%	0.999	0.28	88.05%
XP Power	AML120PS19	100-240	50-60	120	19	0.147	88.61%	0.999	0.28	87.94%
XP Power	AML120PS20	100-240	50-60	120	20	0.163	88.46%	0.999	0.307	87.85%
XP Power	AML120PS24	100-240	50-60	120	24	0.16	88.76%	0.999	0.303	88.43%
XP Power	AML120PS30	100-240	50-60	120	30	0.213	89.07%	0.999	0.393	89.03%
XP Power	AML120PS36	100-240	50-60	120	36	0.227	88.92%	0.999	0.39	88.28%
XP Power	AML120PS48	100-240	50-60	120	48	0.21	88.34%	0.999	0.35	88.16%
XP Power	AMM120PS24	100-240	50-60	120	24	0.24	87.71%	0.999	0.467	88.13%
XP Power	AMM120PS36	100-240	50-60	120	36	0.223	87.79%	0.999	0.34	87.49%
XP Power	AMM120PS48	100-240	50-60	120	48	0.34	87.84%	0.999	0.453	88.34%
XP Power	AMM90PS48	100-240	50-60	90	48	0.257	88.1%	0.997	0.46	87.06%

EPA ENERGY STAR® EPS Ac-Dc Product List

Company Name	Model	Nameplate AC Input Voltage (V)	Nameplate AC Input Frequency (Hz)	Nameplate Output Power (W)	Nameplate DC Output Voltage (VDC)	No-Load Input Power 115V @ 60Hz (w)	Average Active Efficiency 115V @ 60Hz (%)	True Power Factor at 100% of Rated Load (115V)*	No-Load Input Power 230V @ 50Hz (W)	Average Active Efficiency 230V @ 50Hz (%)
XP Power	AMM90PS48C2	100-240	50-60	90	48	0.257	88.1%	0.997	0.46	87.06%