

AMENDMENT TO COMMITTEE PRINT #1
OFFERED BY MS. BALDWIN OF WISCONSIN

At the end of subtitle A, insert the following new section:

1 **SEC. 114. EXTERNAL POWER SUPPLY EFFICIENCY STAND-**
2 **ARDS.**

3 (a) Section 321 of the Energy Policy and Conserva-
4 tion Act (42 U.S.C. 6291) is amended—

5 (1) in paragraph (36) by inserting “(A)” before
6 the text and adding at the end the following:

7 “(B) The term ‘class A external power
8 supply’ means a device that—

9 “(i) is designed to convert line voltage
10 AC input into lower voltage AC or DC out-
11 put;

12 “(ii) is able to convert to only one AC
13 or DC output voltage at a time;

14 “(iii) is sold with, or intended to be
15 used with, a separate end-use product that
16 constitutes the primary load;

17 “(iv) is contained in a separate phys-
18 ical enclosure from the end-use product;

1 “(v) is connected to the end-use prod-
2 uct via a removable or hard-wired male/fe-
3 male electrical connection, cable, cord or
4 other wiring; and

5 “(vi) has nameplate output power less
6 than or equal to 250 watts.

7 “(C) The term ‘class A external power
8 supply’ does not include any device that—

9 “(i) requires Federal Food and Drug
10 Administration listing and approval as a
11 medical device, as described under section
12 513 of the Food, Drug, and Cosmetic Act
13 of 1938; or

14 “(ii) powers the charger of a detach-
15 able battery pack or charges the battery of
16 a product that is fully or primarily motor
17 operated.

18 “(D) The term ‘active mode’ means the
19 mode of operation when an external power sup-
20 ply is connected to the main electricity supply
21 and the output is connected to a load.

22 “(E) The term ‘no-load mode’ means the
23 mode of operation when an external power sup-
24 ply is connected to the main electricity supply
25 and the output is not connected to a load.”

1 (2) by adding at the end the following:

2 “(52) The term ‘detachable battery’ means a
3 battery that is contained in a separate enclosure
4 from the product and is intended to be removed or
5 disconnected from the product for recharging.”.

6 (b) Section 323 of the Energy Policy and Conserva-
7 tion Act (42 U.S.C. 6293) is amended in subsection (b)
8 by adding at the end the following:

9 “(16) Test procedures for class A external
10 power supplies shall be based upon the U.S. Envi-
11 ronmental Protection Agency’s ‘Test Method for
12 Calculating the Energy Efficiency of Single-Voltage
13 External AC-DC and AC-AC Power Supplies’, Au-
14 gust 11, 2004, provided that the test voltage speci-
15 fied in section 4(d) of such test method shall be only
16 115 volts, 60 Hz.”.

17 (c) Section 325 of the Energy Policy and Conserva-
18 tion Act (42 U.S.C. 6295) is amended in subsection (u)
19 by adding at the end the following:

20 “(6) EFFICIENCY STANDARDS FOR CLASS A EX-
21 TERNAL POWER SUPPLIES.—

22 “(A) Class A external power supplies man-
23 ufactured on or after July 1, 2008 (or the date
24 of enactment of this paragraph, if later) shall
25 meet the following standards:

“Active Mode	
“Nameplate Output	Required Efficiency (decimal equivalent of a per- centage)
Less than 1 watt	0.5 times the Nameplate Output
From 1 watt to not more than 51 watts	The sum of 0.09 times the Natural Logarithm of the Nameplate Output and 0.5
Greater than 51 watts	0.85
“No-Load Mode	
“Nameplate Output	Maximum Consumption
Not more than 250 watts	0.5 watts

1 “(B) Notwithstanding paragraph (A), any
2 class A external power supply manufactured on
3 or after July 1, 2008, and before July 1, 2015,
4 and made available by the manufacturer as a
5 service part or a spare part for an end-use
6 product—

7 “(i) that constitutes the primary load;
8 and

9 “(ii) was manufactured before July 1,
10 2008,

11 shall not be subject to the requirements of
12 paragraph (A).

13 “(C) Any class A external power supply
14 manufactured on or after July 1, 2008 (or the
15 date of enactment of this paragraph, if later)
16 shall be clearly and permanently marked in ac-
17 cordance with the External Power Supply Inter-

1 national Efficiency Marking Protocol, as ref-
2 erenced in the 'Energy Star Program Require-
3 ments for Single Voltage External AC-DC and
4 AC-AC Power Supplies, version 1.1' published
5 by the Environmental Protection Agency.

6 “(D)(i) Not later than July 1, 2011 the
7 Secretary shall publish a final rule to determine
8 whether the standards established under para-
9 graph (A) should be amended. Such rule shall
10 provide that any amended standard shall apply
11 to products manufactured on or after July 1,
12 2013.

13 “(ii) Not later than July 1, 2015 the Sec-
14 retary shall publish a final rule to determine
15 whether the standards established under para-
16 graph (A) should be amended. Such rule shall
17 provide that any amended standard shall apply
18 to products manufactured on or after July 1,
19 2017.

20 “(7) An energy conservation standard for exter-
21 nal power supplies shall not constitute an energy
22 conservation standard for the separate end-use prod-
23 uct to which it is connected.”.