

- (1) **Power Supplies.** The efficiency in the active mode of power supplies manufactured on or after the effective dates shall be not less than the applicable values shown (expressed as the decimal equivalent of a percentage); and the energy consumption in the no-load mode of power supplies manufactured on or after the effective dates shown shall be not greater than the applicable values shown in Table U-1 or Table U-2.

Power supplies that are made available by a product manufacturer as accessories, service parts, or spare parts for its products manufactured prior to July 1, 2006 shall be exempt from the requirements in Table U-1 and Table U-2 until June 30, 2009.

Power supplies that are made available by a product manufacturer as accessories, service parts, or spare parts for its products manufactured between July 1, 2006 and December 31, 2007 shall be exempt from the requirements in Table U-2 until December 31, 2010.

Table U-1
Standards for Power Supplies
Effective July 1, 2006

<i>Nameplate Output</i>	<i>Minimum Efficiency in Active Mode</i>
0 to < 1 Watt	0.49 * Nameplate Output
>1 and ≤49 Watts	0.09 * Ln(Nameplate Output) + 0.49
> 49 Watts	0.84
	<i>Maximum Energy Consumption in No-Load Mode</i>
0 to <10 Watts	0.5 Watts
≥10 to ≤ 250 Watts	0.75 Watts
Where Ln (Nameplate Output) = Natural Logarithm of the nameplate output expressed in Watts.	

Table U-2
Standards for Power Supplies
Effective January 1, 2008

Nameplate Output	Minimum Efficiency in Active Mode
<1 Watt	0.5 * Nameplate Output
≥1 and ≤51 Watts	0.09*Ln(Nameplate Output) + 0.5
> 51 Watts	0.85
	Maximum Energy Consumption in No-Load Mode
Any output	0.5 Watts

Where Ln (Nameplate Output) = Natural Logarithm of the nameplate output expressed in Watts.

- (2) **Consumer Audio and Video Equipment.** The power usage of consumer audio and video equipment manufactured on or after the effective dates shown shall be not greater than the applicable values shown in Table U-3. For equipment that consists of more than one individually powered product, each with a separate main plug, the individually powered products shall each have a power usage not greater than the applicable values shown in Table U-3

Table U-3
Standards for Consumer Audio and Video Equipment

Appliance Type	Effective Date	Maximum Power Usage (Watts)
Compact Audio Products	January 1, 2007	2 W in Audio standby-passive mode for those without a permanently illuminated clock display 4 W in Audio standby-passive mode for those with a permanently illuminated clock display
Televisions	January 1, 2006	3 W in TV standby-passive mode
Digital Versatile Disc Players and Digital Versatile Disc Recorders	January 1, 2006	3 W in Video standby-passive mode
Digital Television Adapters	January 1, 2007	1 W in STB standby-passive mode, 8 W in STB on mode

NOTE: Authority cited: Sections 25213, 25218(e), 25402(a)-(c), 25553(b) and 25960, Public Resources Code.

Reference: Sections 25216.5(d), 25402(a)-(c), 25553(b) and 25960, Public Resources Code.