

Sample Product - LED Power Supply Selection Guide

Lunar Accents Design Corporation offers an array of sample LED products, which can provide cost efficient prototype solutions for some applications. Literally thousands of power supplies are available for custom design configurations. However, we have simplified things by pre-selecting only a handful of power supplies for sample product integrations. Most applications will always require additional custom prototyping to some extent.

Output Voltage (volts DC)	Maximum Leds*	Maximum Current (mA)	Dimensions (inches)	Case Style	Lunar Accents Stock Number
5 VDC	150	2000	2.36 x 1.73 x 0.98	Power strip	51
	187	2500	2.91 x 1.81 x 0.98	Desktop	52
	225	3000	3.23 x 1.72 x 1.18	Wall mount	53
	300	4000	4.13 x 1.91 x 1.39	Desktop	54
	300	4000	4.33 x 2.25 x 1.38	Desktop**	55
	300	4000	3.66 x 1.85 x 1.35	Wall mount	56
	487	6500	4.26 x 2.60 x 1.42	Desktop	57
6 VDC	150	2000	2.91 x 1.81 x 0.98	Desktop	61
	150	2000	2.36 x 1.73 x 0.98	Power strip	62
	187	2500	3.23 x 1.72 x 1.18	Wall mount	63
	300	4000	4.13 x 1.91 x 1.39	Desktop	64
	300	4000	3.66 x 1.85 x 1.35	Wall mount	65
	450	6000	4.26 x 2.60 x 1.42	Desktop	66
9 VDC	97	1300	2.36 x 1.73 x 0.98	Power strip	91
	99	1330	2.91 x 1.81 x 0.98	Desktop	92
	125	1670	3.23 x 1.72 x 1.18	Wall mount	93
	206	2750	4.13 x 1.91 x 1.39	Desktop	94
	206	2750	3.66 x 1.71 x 1.35	Wall mount	95
	375	5000	4.26 x 2.60 x 1.42	Desktop	96
12 VDC ON SALE>	75	1000	2.91 x 1.81 x 0.98	Desktop	11
	75	1000	2.36 x 1.73 x 0.98	Power strip	12
	93	1250	3.23 x 1.72 x 1.18	Wall mount	13
	150	2000	4.13 x 1.91 x 1.39	Desktop	14
	150	2000	4.33 x 2.25 x 1.38	Desktop**	15
	150	2000	3.66 x 1.71 x 1.35	Wall mount	16
	315	4200	4.26 x 2.60 x 1.42	Desktop	17
	375	5000	4.76 x 2.36 x 1.36	Desktop	18

Note: All power supplies are voltage regulated switching power supplies, not constant current source devices. Circuit current will vary based on load. Desktop units include a P-5 12 mm detachable AC power wire. Wall-mount and power-strip units connect directly to an AC power outlet.

Input Voltage: All power supplies can operate from 120 volts AC / 240 volts AC. Refer to datasheets for specific operational voltage ranges.

* Maximum LEDs refers to the suggested total number of LEDs compatible with the power supply. This number is assuming every group of two LEDs will draw 20 mA and the power supply will operate at 75% of its maximum current rating at standard temperature.

** Indicates desktop power supply with IEC320/C6 type inlet