

QuezLite LED Drivers


CONSTANT CURRENT LED POWER SUPPLY



Input Voltage : 220-240 VAC 50/60 Hz

Rated Loading (LEDs x W)	Constant Current (DC)	Outline Dimensions (LxWxH mm)	Ta °C	Tc °C	Protection Class	Thermal Protection	Short Circuit Protection
1 - 2 x 3W	700mA 3 - 8V	88x39x22.5	45°C	75°C	II	√	√
4 - 6 x 1W	350mA 12 - 24V	88x39x22.5	45°C	75°C	II	√	√
6 - 10 x 1W	350mA 18 - 36V	115x45x27.5	45°C	80°C	II	√	√
3 - 4 x 3W	700mA 9V - 16V	115x45x27.5	45°C	80°C	II	√	√
4 - 6 x 3W	700mA 12V - 30V	140x42.8x24	45°C	80°C	II	√	√
10 - 18 x 1W	350mA 30V - 72V	140x42.8x24	45°C	80°C	II	√	√
5 - 8 x 3W	700mA 15V - 36V	140x42.8x24	45°C	80°C	II	√	√

CONSTANT VOLTAGE POWER SUPPLY (Single Output Series)



High Reliability
 Universal AC input
 Approvals: UL, ETS/EMC/CE
 100% full load burn-in test
 Protections: overload/over voltage/short circuit
 2 years warranty

AC Input Range:	85 - 264VAC	Withstand Voltage:	I/P-O/P: 3.0KVAC/1min
Input Frequency :	47-63Hz		I/P-F/P: 1.5KVAC/1min
Input leadkage current:	< 0.7mA/230VAC		O/P-F/P: 0.5KVAC/1min
Line Regulation(full load)	≤ ± 0.5%	Operating temp. & humidity	-10°C~+50°C, 20~93%RH (non-condensing)
Output voltage adjust range	± 10%	Storage temp. & humidity:	-20°C~+85°C, 20~95%RH (non-condensing)
Output overload protection	110~150%	Safety Standards:	GB4943, UL60950, EN60950
Output over voltage protection	115~150%	EMC Standards:	GB9254, EN55022 Class B, EN55024
Rise time	50ms@full load (typ)		EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
Hold up time	20ms@full load (typ)	Cooling Method:	Convection

Power	DC Output		Inrush Current	Load Regulation	Ripple & Noise	Efficiency	Outline Dimensions
10W *	24V	0.4A	cold start, 15A/115V, 30A/230V	0.5%	100mV	76%	100 x 58 x 31mm
20W	24V	0.8A	cold start, 15A/115V, 30A/230V	0.5%	100mV	80%	111 x 78 x 36mm
40W *	24V	1.8A	cold start, 20A/115V, 40A/230V	0.5%	100mV	78%	129 x 98 x 40mm
60W	24V	2.5A	cold start, 20A/115V, 40A/230V	0.5%	150mV	80%	160 x 98 x 39mm

◆ 5-48 VDC output standard range
 ◆ *3V also available

◆ Intermediate & Higher Wattages also available

◆ (Data shown above for 24V only)

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