

Constant current LED power supply 100W

- 160-264VAC input range
- Small in size, light in weight, highest efficient
- Protection function: short circuit/overload/over temperature
- Cooling by free air convection
- Waterproof degree: IP67
- 100% full load built-in testing
- 2 years warranty



LPA-100W				
Model		LPA-100-3500	LPA-100-2800	LPA-100-2100
OUTPUT	Rated Current	3500mA	2800mA	2100mA
	DC output voltage	16~28V	22~35V	28~47V
	Rated power	98W	98W	98.7W
	Ripple&noise	200mvp-p	200mvp-p	200mvp-p
	Voltage accurate	±5%	±5%	±5%
	Load adjusting rate	±2%	±2%	±2%
INPUT	Input voltage range	170~260VAC, 238~370VDC		
	Frequency	47~63Hz		
	AC input current	1.2A/230VAC		
	Efficiency	86%		
	Inrush current	cold start current 55A/230VAC		
	Leakage current	<0.5mA/240VAC		
PROTECTION	Overload protection	±5% rated current limit		
	Overtemperature protection	Protection type: rated current limit		
		Shell temp ≥ 105°C, start over temperature protection Protection mode: cutoff output, auto-recovery after temperature become normal		
ENVIRONMENT	Working	-10°C~+60°C, 20%~90%RH		
	Storage	- 20°C~+85°C, 10%~95%RH non condensing		
	Withstand vibration	10~500Hz, 2G 10min/ period for 60minutes, each axes		
SAFETY	Withstand voltage	I/P-O/P: 1.5KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC		
	Isolated resistance	I/P-O/P、I/P-FG、O/P-FG: 100M ohms/500VDC		
FITSTANDARDS	Safety standards	Fit UL1012, IP67 protect level		
	EMC standards	meet EN55022, CLASSB		
OTHER	Size	185*69*43mm (L*W*H)		
	Weight/ packing	0.9kg/20pcs/19kg/0.026m³/1.15CUFT		
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.			
	2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.			
	3. Tolerance : includes set up tolerance, line regulation and load regulation.			