

LED constant voltage waterproof switching power supply 20W(NEW)

Features:

- Constant voltage style power supply
- 170~264VAC AC input
- Small volume, low weight, high efficiency
- Protections: short circuit/over load/over voltage/over temp
- Cooling by free air convection
- Fully encapsulated with IP67 level
- 100% full load burn-in test
- 2 Year warranty



LPV-20W-E				
Model		LPV-20E-5	LPV-20E-12	LPV-20E-15
OUTPUT	DC voltage	5V	12V	15V
	Voltage tolerance	±1%	±1%	±1%
	Rated current	3A	1.67A	1.33A
	Current range	0~3A	0~1.67A	0~1.33A
	Rated power	15W	20W	20W
	Ripple&noise	80mvp-p	120mvp-p	120mvp-p
INPUT	Voltage range	90~264VAC, 127~373VDC		
	Frequency	47~63Hz		
	AC current	0.55A/115VAC, 0.35A/230VAC		
	Efficiency	77%	81%	83%
	Inrush current	Cold start current 35A/115VAC, 75A/230VAC		
	Leakage current	< 0.25mA/240VAC		
PROTECTION	Over load	Rated output power 110%~150%start over load protection		
		Protection type: hiccup mode, auto-recovery after fault condition is removed		
	Over voltage	6.8~8.2V	15.6~17.8V	18.6~20.8V
		protection type:cut off output voltage,diode clamp		
ENVIRONMENT	Working temp,humidity	-20℃~+60℃, 20%~90%RH		
	Storage temp.humidity	-40℃~+85℃, 10%~95%RH non condensing		
SAFETY	Withstand vibration	10~500HZ, 2G 10min/1cycle, period for 60minutes, each		
	Withstand voltage	I/P-O/P: 1.5KVAC		
	Isolated resistance	I/P-O/P: 100M ohms/500VDC		
FITSTANDARDS	Safety standard	Fit UL1012, IP67 protect level		
	EMC standard	Fit EN55022, CLASSA		
OTHERS	Dimension	118*35*26mm (L*W*H)		
	Weight/packing	0.22kg/90pcs/21kg/0.027m³/0.95CUFT		
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ 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.			