

LED rainproof power supply 100W

- 170~264VAC AC input
- Small volume, low weight, high efficiency
- Protections: short circuit/over load
- Cooling by free air convection
- Fully encapsulated with IP44 level
- 100% full load burn-in test
- 2 Year warranty



FS-100W					
Model		FS-100-12	FS-100-15	FS-100-24	FS-100-36
OUTPUT	DC voltage	12V	15V	24V	36V
	Voltage tolerance	±1%	±1%	±1%	±1%
	Rated current	8.5A	6.7A	4.2A	2.8
	Current range	0~8.5A	0~6.7A	0~4.2A	0~2.8A
	Rated power	102W	100.5W	100.8W	100.8W
	Ripple&noise	150mvp-p	150mvp-p	150mvp-p	200mvp-p
	DCvoltage ADJ.range	±10%	±10%	±10%	±10%
INPUT	Voltage range	170~264VAC, 255~373VDC			
	Frequency	47~63Hz			
	AC current	1.2A/230VAC			
	Efficiency	82%	82%	84%	85%
	Inrush current	Cold start current 45A/230VAC			
	Leakage current	< 3.5mA/240VAC			
PROTECTION	Overload	Rated output power115%~150% start over load protection protection type: hiccup mode, auto-recovery after fault condition is removed			
	Over voltage	15.6~17.8V	18.6~20.8V	30.6~33.2V	42.6~44.2V
ENVIRONME NT	Working temp,humidity	-10℃~+60℃, 20%~90%RH			
	Storagetemp,humid	-20℃~+85℃, 10%~95%RH non-condensing			
	Withstand vibration	10~500Hz, 2G 10min/1cycle, period for 60 minutes, 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			
FITSTANDAR DS	Safety standard	Fit UL1012 IP44			
	EMC standard	meet EN55022, CLASSA			
OTHERS	Dimension	206*125*50mm (L*W*H)			
	Weight/packing	0.87kg/20pcs/18.5kg/0.039m³/1.36CUFT			
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.				