

## LED rainproof power supply 50W

- 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-50W

Model		FS-50-12	FS-50-15	FS-50-24	FS-50-36
OUTPUT	DC voltage	12V	15V	24V	36V
	Voltage tolerance	±1%	±1%	±1%	±1%
	Rated current	4.2A	3.4A	2.1A	1.4
	Current range	0~4.2A	0~3.4A	0~2.1A	0~1.4A
	Rated power	50.4W	51W	50.4W	50.4W
	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	0.6A/230VAC			
	Efficiency	82%	82%	84%	85%
	Inrush current	Cold start current 30A/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			
ENVIRONMEN T	Working temp,humidity	-10℃~+60℃, 20%~90%RH			
	Storage temp,humid	-20℃~+85℃, 10%~95%RH non-condensing			
	Withstand vibration	10~500HZ, 2G 10min/1cycle, period for 60 minutes, each			
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			
FITSTANDARD	Safety standard	Fit UL1012 IP44			
	EMC standard	meet EN55022, CLASSA			
OTHERS	Dimension	141*111*50mm (L*W*H)			
	Weight/packing	0.68kg/40pcs/28.2kg/0.046m³/1.64CUFT			
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.				