LED rainproof power supply 250W

·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-250W				
Model	FS-250-12	FS-250-15	FS-250-24	FS-250-36
OUTPUT — DC voltage	12V	15V	24V	36V
Voltage tolerance	±1%	±1%	±1%	±1%
Rated current	20A	16A	10A	7
Current range	0~20A	0~16A	0~10A	0~7A
Rated power	240W	240W	240W	252W
Ripple&noise	150mvp-p	150mvp-p	200mvp-p	200mvp-p
DCvoltage ADJ.range	±10%	±10%	±10%	±10%
INPUT — Voltage range	180~264VAC，255~373VDC			
Frequency	47~63Hz			
AC current	2.8A/230VAC			
Efficiency	82%	82%	84%	85%
Inrush current	Cold start current 50A/230VAC			
Leakage current	< 3.5mA/240VAC			
PROTECTION — Overload	Rated output power105%~135% 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
	protection type: hiccup mode, auto-recovery after fault condition is removed			
Over temperature	TSW1detect on heatsink of power transistor≥85℃±5℃, start over temperature protection			
	protection type: hiccup mode, auto-recovery after temperature become normal			
ENVIRONMENT — 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			
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 standard	Fit UL1012 IP44			
EMC standard	meet EN55022, CLASSA			
OTHERS — Dimension	236*135*65mm (L*W*H)			
Weight/packing	1.35kg/12pcs/17kg/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.			