

## OPT1-RPS-1212-EU

Wall mount power supply



### Features

- Wall mount
- EU plug
- AC input 90-264V
- DC output 12V/1A
- Output cable 1.5 m with open wires
- Recommended for cellular router



### Order Codes

Model no. - Order Codes	Voltage DC	Max. Loading	Max. Power	AC Plug	DC Output cable
OPT1-RPS-1212-EU	12V	1A	12W	EU	1.5 m, open wires

### Specifications

Input   Output	
Voltage	90 - 264 VAC
Input Current	0.5 A rms max   At AC low line input and DC output full load
DC Output	+12 V DC   1.0 A
Inrush Current	40/60 A max   At power supply cold start, ambient temperature 25° C@115 VAC/230V VAC nominal AC input
Power consumption	0.1 W rms max   At AC nominal input@output no load
Efficiency	Meet ERP level VI
Hold up time	5 mS min   At AC nominal input@output full load
Turn delay	5000 ms max   At AC low line input@output full load
Ripple/noise	150 mV
Burn-in	Ambient temp: 35C+-3%/80% load/input voltage 230V/2 hours
Protection	
Over current   Short protection	Fold back   Auto recovery when abnormal circuit faults remove.
Over Voltage	Voltage limit
Input protection	1 A Fuse   The power supply shall be protected against power line surges and any abnormal condition
Protection class	Class II

Safety	
CE EMC	2014/30/EU
CE LVD	2014/35/EU, IEC 62368-1
Safety approvals	CB   CE   GS
Dielectric Strength (Hi-pot)	IEC 320 2pin primary to secondary 4000Vac 10mA 1min
Leakage current	0.25 mA max.
Environmental	
Temperature	Operating: 0 ~ 40°C / Storage: -20 ~ 85°C
Humidity	Operating: 8% ~ 90%RH / Storage: 5% ~ 95% RH
Cooling	Natural Convection Cooling
Other	
MTBF	MTBF shall be least 50,000 hours at 25°C (MIL-HDBK-217F)
Weight	85g
Dimension DC	63 × 29 × 45 mm
Output cable	Length 1.5 m, open wires

### Dimensions - Technical Drawing

Unit: mm

