

OPT1-RPS-1212

Wall mount power supply



Features

- Wall mount
- Options with US, UK, AUS plug
- AC input 90-264V
- DC output 12V/1A
- Output cable 1.5 m with open wires
- Recommended for cellular routers

Specifications



Input Output	
Voltage	90 - 264 VAC
Current	1.0 A rms max At AC low line input and DC output full load
Inrush Current	40/60 A max At power supply cold start, ambient temperature 25°C@ 115VAC/230VVAC 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	7000 ms max At AC low line input@output full load
Ripple noise	200 mV
Burn-in	2 Hour Full Load
Protection	
Over current Short protection	Fold back Auto recovery when abnormal circuit faults remove.
Over Voltage	Voltage limit
Input protection	1 A/250 V The power supply shall be protected against power line surges and any abnormal condition
Protection class	Class II

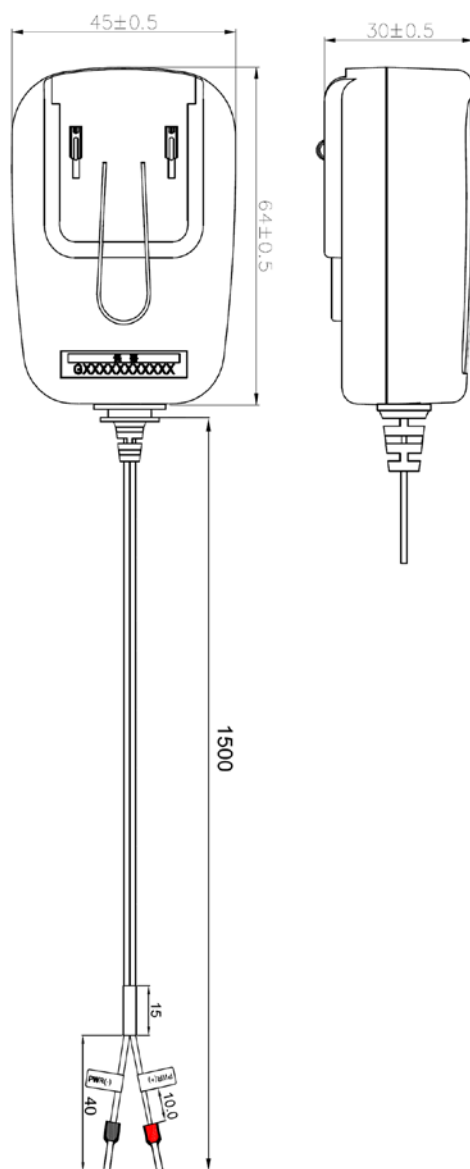
Safety	
CE EMC	2014/30/EU
CE LVD	2014/35/EU, IEC 62368
Safety approvals	CB CE GS FCC cULus CCC BSMI PSE KC(5 V only) SAA RCM EAC BIS(1105)
Dielectric Strength (Hi-pot)	IEC 320 2pin primary to secondary 3000 VAC 10 mA 1 min
Leakage current	0.25 mA max.
Environmental	
Temperature	Operating: 0 ~ 40°C / 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	50 g - 76 g
Dimension DC	64 × 45 × 30 mm
Output cable	Length 1.5 m, open wires

Order Codes

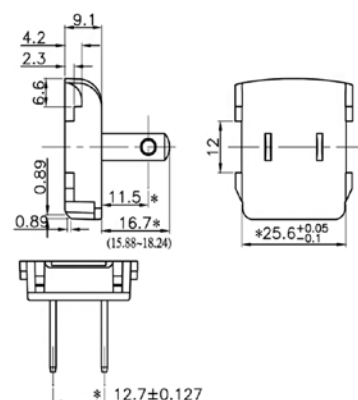
Model no. - Order Codes	Voltage DC	Max. Loading	Max. Power	AC Plug	DC Output cable
OPT1-RPS-1212-UK	12V	1A	12W	UK	1.5 m, open wires
OPT1-RPS-1212-US	12V	1A	12W	US	1.5 m, open wires
OPT1-RPS-1212-AUS	12V	1A	12W	AUS	1.5 m, open wires

Dimensions - Technical Drawing

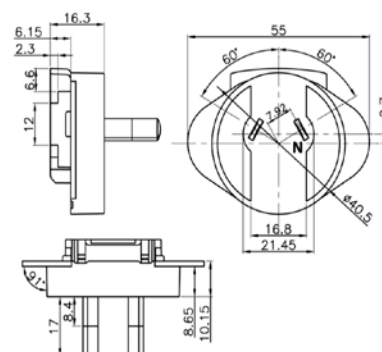
Unit: mm



US/Japan type



Australia type



UK type

