

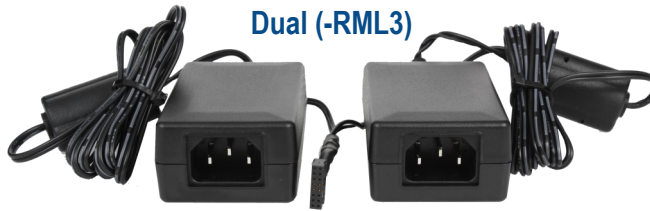


Switch Mode Power Supply

For use with ETL model **SRY-TX-L1-401** & **SRY-RX-L1-402** RF over fibre modules



Single (-ML3)

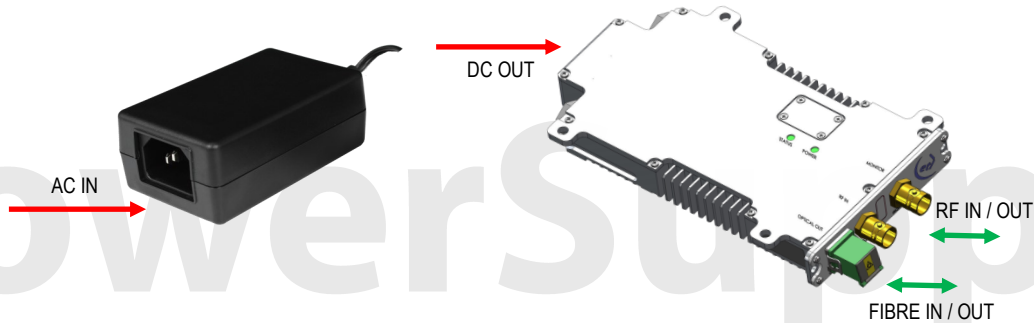


Dual (-RML3)

Input range of 100-240V (AC) & fixed output of 12V with 1.25A max permissible load. Supplied with IEC input & 16 pin molex connector.

- Over-output voltage protection—unit powers down if output exceeds 15-18V
- Short circuit protection - unit powers down & restarts if short circuited
- EN55022B standard, CE & CUL marked, lead-free
- Can power multiple units up to 1.25A max current

Typical Application



Specifications and max operating parameters for safe and reliable operation

Parameter	Value	Comment
Input voltage range	100-240V (AC)	47-63Hz AC range (90-264V max)
Max input current	580mA	RMS Max
Max current load	2 A	
Operating temperature	0 to 40°C	Indoor use only
Storage Temperature	-20°C to +80°C	
Humidity	85%	Non-condensing

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport





Technical specifications and operating parameters

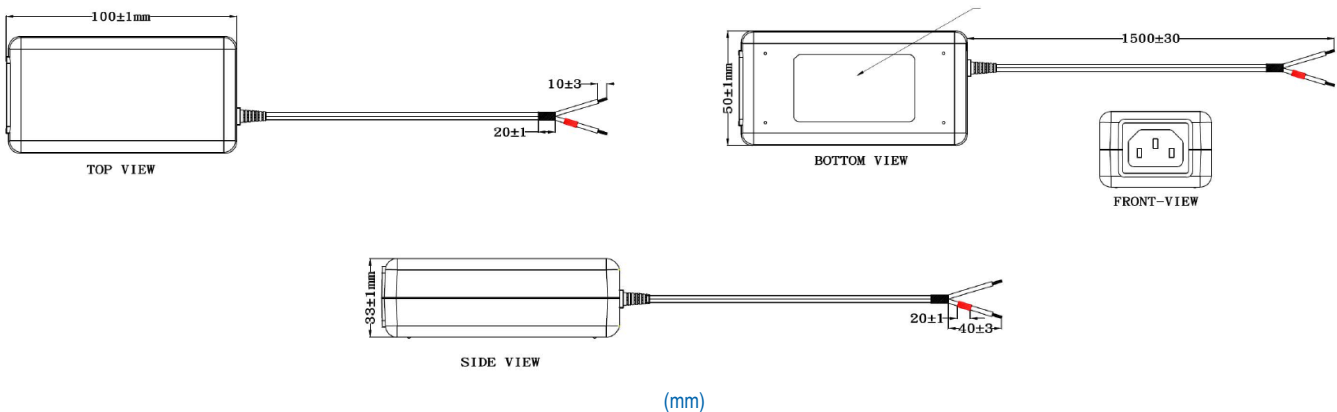
PSU range available			
Model Number	Input	Output	Other
PSU12F125-9701-SLP	100-240V (AC), 0.58A	12V (DC), 2 A	Solder pin output (Red sleeve = Positive)
PSU12F125-9701-ML2	100-240V (AC), 0.58A	12V (DC), 2 A	Female 3 pin Molex socket
PSU12F125-9701-ML3	100-240V (AC), 0.58A	12V (DC), 2 A	Female 16 Pin Molex Socket (For use with 400 series Fibre components only)
PSU12F125-9701-RML3	100-240V (AC), 0.58 A	12V (DC), 2 A	Dual redundant PSU option with 2 PSU's configured to 1 Female 16 Pin Molex Socket (For use with 400 series Fibre components only)
PSU120V02-9702-SLP	100-240V (AC), 1.2A	12V to 24V (DC), 5A	Solder pin output (Red sleeve = Positive)
PSU120V02-9702-ML2	100-240V (AC), 1.2A	12V to 24V(DC) 5A	Female 3 pin Molex socket
PSU48F150-9703-SLP	100-240V (AC), 2.5A	48V (DC), 3.13A	Solder pin output (Red sleeve = Positive)
PSU48F150-9703-ML2	100-240V (AC), 2.5A	48V (DC), 3.13A	Female 3 pin Molex socket

Environmental	
Operating Temperature	0°C to 45°C
Storage Temperature	-20°C to +75°C
Location	Indoor use Only
Humidity	85% non-condensing
Altitude	10,000 feet

Max Operating Parameters	
Input RF Power	+21 dBm (125mW)
DC Voltage	35V on any RF port
DC Current	500mA
DC Consumption	100mA Max, 80mA typical

! Operation beyond these limits may cause instantaneous and permanent damage.

Physical Dimensions



Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.
 Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

