

RPF PSE Desktop

Reverse Power Feeding Power Supply Equipment

Model: PSETT02AC



Product description

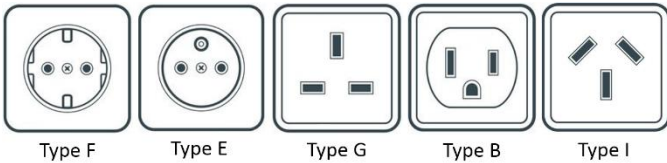


LEA Networks' RPF PSE is a high performance and easy to install RPF unit that enables reverse powering with minimum insertion loss at maximum loop lengths.

It combines both data and power on one twisted pair or coax cable to reverse power the Distribution Point Unit (DPU).

The RPF PSE Desktop is equipped with one RJ11 connector for LINE, one RJ11 connector for LINE & POWER, one LED for AC power, one LED for reverse power status and one LED for Class error.

Reverse Power Feeding is the ideal and most flexible powering solution for DPU deployments, enabling a drastic reduction in installation costs and times.



Features

- Compatible with G.fast and G.hn SISO & MIMO
- End-user self-install, not requiring licensed electrician
- Options of desktop or wall installation
- Changeable power cord makes it easy to use in different countries
- PSE power classes SR2 (15W) or SR3 (21W)
- Optional plug-in modules to convert Twisted Pair to:
 - Coax LINE+POWER / Coax LINE
 - Coax LINE+POWER / RJ11 LINE



RPF PSE Desktop

Reverse Power Feeding Power Supply Equipment

Model: PSETT02AC



Specifications

Dimensions	125 x 74 x 43 mm / 4.9 x 2.9 x 1.7 inches
Electrical characteristics	Nominal rated AC Input Voltage: 100-240Vac AC input voltage range: Min 90Vac / Max 254Vac - 50/60 Hz RPF DC output voltage: 57 VDC nominal AC/DC efficiency: $\geq 80\%$ (from 25% to 100% load) Starting time at the AC restoration: max 15s nominal 5s Holding time at full power after AC outage: > 17ms Protection against over current by fuse Protection against overvoltage by Voltage Dependent Resistor
Protocol /Standards	ETSI TS 101 548 Reverse Power Feed Architecture without POTS (RPFA-NOP) MDSU protocol BBF TR-301 Architecture and Requirements for Fiber to the Distribution Point ITU-T K.21 basic level
Data bandwidth	2-212 MHz Compatible with G.fast and G.hn access systems
Interfaces	LINE: RJ11 (from G.fast or G.hn modem/NTE) LINE+POWER: RJ11 AC socket (IEC60320 C6 type) AC power LED, reverse power status LED, class error LED
Temperature	Operating: 0...+45°C (32°F to 113°F) Storage: -20...+70°C (-4°F to 158°F) Relative humidity 10 to 90% non-condensing
Regulations	FCC part 15 (Radiated Emission class B product) CE EMC (2014/30/EU directive) IEC 60950-1 (UL listed and CE marking) ROHS (2011/65/EU directive)
Options	SR2 or SR3 power classes Coax LINE+POWER / Coax LINE plug-in module (F type) Coax LINE+POWER / RJ11 LINE plug-in module (F type)

Ordering information	LEA Part Number	Description
	PSETT02AC-XXLE01	SR2 RPF PSE Desktop without AC power cord
	PSETT02AC-UELE01	SR2 RPF PSE Desktop with 1.5m AC power cord IEC60320 C5-BS1363/A fused (5A)
	PSETT02AC-EELE01	SR2 RPF PSE Desktop with 1.5m AC power cord IEC60320 C5-CEE7/7
	PSETT02AC-NELE01	SR2 RPF PSE Desktop with 1.5m AC power cord IEC60320 C5-NEMA 5-15

LEA Networks France (HQ)
1 rue du général Leclerc
92800 Paris-La-Défense
Tel. +33 1 49 97 05 30

LEA Networks USA
6264 Oakton St.
Chicago IL 60053
Tel. +1 847-673-1853

LEA Technologies China
深圳市福田区沙头街道车公庙
泰然工业区204栋西座5C
Tel. +86 755 8287 6321

Product specification is subject to change without notice. LEA Networks disclaims any and all liability for any errors, inaccuracies or incompleteness contained in this datasheet.

LEA Networks — <http://www.lea-networks.com> — mail: sales@lea-networks.com