

Power Supplies

PS-1210S

For Powering all Liteway® Transmission Systems

The **Litelink®** PS-1210S is a compact switching stand-alone or rack mountable power supply that can be used to power multiple **Liteway** fiber optic transmission systems from a 90 to 240 volt 50/60Hz source.

The PS-1210S has power, alarm and overload indicators as well as internal circuitry that will protect the unit in the event of an overload. Should such an overload occur, the power supply output will immediately drop to 0 and then automatically reset itself when the overload is removed. The PS-1210S also has the ability to be paralleled for redundant operation when required.



Technical Specifications

Important Features

AC Input Voltage	95 to 240 VAC 50/60 Hz
DC Output Voltage	12 volts
DC Output Current	0 to 1 ampere (maximum)
Efficiency	77% per Energy Star
Switching Frequency	300 – 400 KHz
Input/Output Isolation	2250 VDC, 1 megohm
Ripple and Noise	150 mV max (5 Hz/20 MHz)
Overload Protection	Voltage drops to 0 on short
MTBF (MIL-HDBK-217D)	100,000 Hours
Input Power Connector	Standard IEC C14 style
Output Power Connector	Removable terminal block
Ground/housing connector	6-32 threaded stud
Operating Temperature	-20° to +75°C
Humidity	0 to 95% non-condensing
Physical Size (mm)	5.0" (127) x 4.0" (101.6) x 1.0" (25.4)

Note that input and output terminals are floating with respect to the housing and each other.

All specifications are subject to change without prior notice.

- **Redundant Operation**
- **85 to 3000 volt AC 50/60 Hz operation**
- **Power & Overload Indicators**
- **Self Resetting Overload Circuitry**
- **Stand-alone or Rack Mountable (same unit)**

Ordering Information

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Note that the PS-1210S is RoHS compliant to EU 202/95/EC and is CE certified.

The PS-1210S also meets the voltage requirements for ETSI 300-132-2 and complies with EN 60950

Litelink®

Fiber Optic Transmission Systems

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