PL7011 Power Supply

Features & Benefits

- ❖ Switching power supply designed for the PL7010 Chassis
- ❖ Dual redundant
- ❖ Wide voltage AC input Range 100-240VAC
- ❖ High power 15A, 180W per PS
- ❖ Embedded M&C microprocessor
- ❖ No Fan, high MTBF
- ❖ Hot Swappable

Product Description

The **PL7011 P**ower **S**upply (PS) is a switching power supply designed to power the **PL7010** Sat-Light/Platinum chassis. It has a built-in AC voltage auto-sensing circuit and supports an AC voltage input range from 100 to 240VAC.

A single **PL7011** power supply provides up to 180 Watts of power, double the maximum power capacity required by a full chassis. Two **PL7011** power supplies can be installed in one chassis, to share the load and to provide redundant power and 'hot swap' capabilities.

The embedded **SCP** microcontroller enables the power supply to support the latest remote monitoring features via the **PL700** MCP for parameters such as:

- AC alarm
- DC alarm
- Temperature alarm

In addition, the DC voltage output and the power supply's temperature can be monitored via the MCP.

Dry contact enclosure power supply alarm is available via the chassis system alarm connector.

The PL7011 contains a built-in **"SCP"** microcontroller enabling the PS to be managed and controlled by the external Platinum chassis.

Specifications

Power Supply Support			
Platform	Sat-Light/Platinum		
Protection	Temperature Over-voltage Over-current		
Power sharing	Active current share with :hot swap"		
Alarms & Monitoring			
PS General Alarm[1]			
Temperature alarm			
AC alarms	Provided through the PL700 MCP controller [embedded GUI or MIB]		
DC alarm			
VDC monitoring			
Electrical Specifications	**Typical**	**Minimum**	**Maximum**
Prime power input[2] (VAC)	-100		240
Output voltage (VDC)	12		
Output current (Amps)	15		
EMI rating	FCC part 15 Class B, CE Mark		
Physical/Environmental Specifications			
Operating temperature range (C⁰)		-10	+55
Storage temperature range (C⁰)		-45	+85
Relative Humidity	95% non-condensing		
Dimensions [D x W x H]	19" x 5.1" x 14" [48.3 x 13 x 35.6 cm]		
Weight (lbs [Kg])	5.95 lbs / 2.7 Kg		
Shock and vibration	Designed for normal transportation environment per section 514.4 MIL-STD-810_E. Designed to withstand 20G at 11ms [½ sine pulse] in non-operating configuration		

[1] Provided through the front panel Alarm LED. Additional dry contact enclosure and open collector alarms are provided through the J16 alarm connector.

[2] 50/60 Hz

Ordering Information

The **PL7011** Sat-Light/Platinum power supply is available either as a stand-alone unit or as part of the **PL7010C** chassis kit that includes the chassis, the **PL700** Micro-processor card and two **PL7011** power supplies.

Israel Corporate HQ, 16 Hataasia Street, Har Tov A Ind. Zone, Beit Shemesh 99052. Tel: +972-2-589-9888 Fax: +972-2-589-9898 sales@foxcom.com
US Sales Office, 1315 Outlet Center Drive, Smithfield, North Carolina 27577. Tel: 609-514-1800 Fax: 609-514-1881 www.foxcom.com

Page | 2