BRIDG-IT
PS 8000
Power Supply

Features

- Simple installation (plug-in module, hot swappable)
- Power redundancy possible with second power supply module
- 115 V AC or 230 V AC input
- Automatic detection of input AC voltage level
- 24 V DC output
- Remote monitoring via RS-485 communication standard
- Mountable in the 3 unit high UPL 8000 19" rack
- Front LED indicators
- Rear connections
- Integrated short circuit and over-voltage protection
- IEC power connector ensuring worldwide cord availability

Description

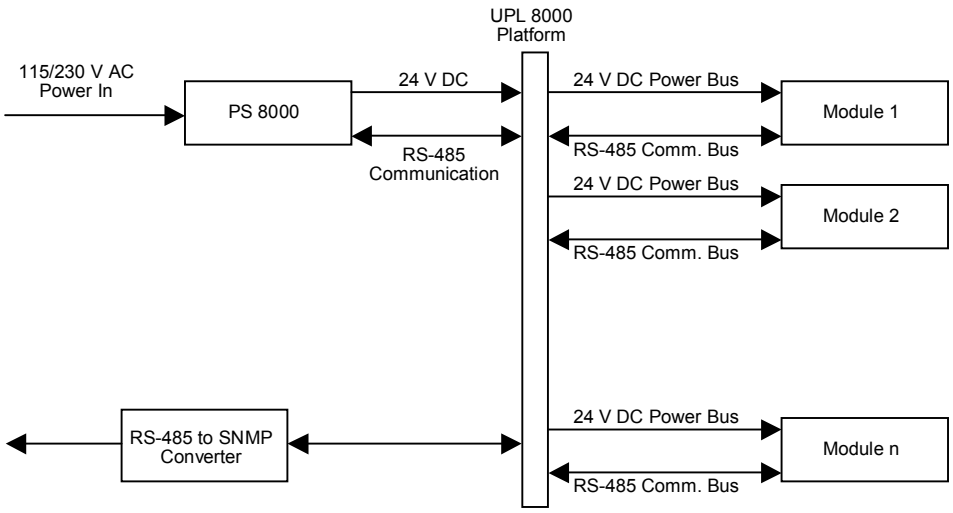
The M-TEC PS 8000 power supply is a 10TE wide plug-in module. By default, at least one PS 8000 needs to be mounted in the M-TEC UPL 8000 19" rack. The PS 8000 has been designed for simplicity of installation and operation.

This power supply drives up to 7 M-TEC 8000 series modules implemented in the UPL 8000 rack using a common DC power bus. The integrated short circuit and over-voltage protections ensure optimal performance and reliability. Resetting the module in case of a failure is unnecessary: the module auto-recovers after removal of the error.

A second power supply PS 8000 is advised in the UPL 8000 platform for redundancy purposes. This second module can operate in hot redundancy mode. When installing multiple power supplies in parallel, the current partition of each power supply is exclusively handled by means of the internal impedances. This implies that there is no current sharing.

Remote monitoring of the module is possible via the 9-pin SUB-D data link and RS-485 communication standard. Abnormal operating condition alerts can automatically be fed back to the operator.

Standard Configuration



M-TEC NV Industriepark Noord C1 Zandvoortstraat 1 B-2800 Mechelen – Belgium ■
Tel. : +32 15 63 21 00 ■ Fax : +32 15 63 21 11 ■ info@mtecbroadband.com ■ www.mtecbroadband.com

Order Information

MT	PS	800	–	XXX	YY	Z
				Input Voltage	**Output Current**	**Options**
				220 = 115 or 230 V AC	**6A** = 6.3 Ampère	**0** = none

Front Panel User Interface

LED indicators	
POWER	Power Supply OK and 24 V Present = Green
ALARM	Power Supply Error = Red

Specifications

Input Power Requirements	
Input voltage (1)	115 V AC (±10%) or 230 V AC (±10%)
Input frequency	48 to 63 Hz
Fuse	250 V / 1 A (T)
Connector type	IEC male
Output Power	
Output voltage	24 V DC
Ripple voltage	≤ 10 mVpp
Output current	6.3 A
Output power	150 VA
Connector type	9-pin SUB-D
Environmental	
Operating temperature	-10 to +50°C (14 to 122°F)
Mechanical	
Size (height * width * depth)	128 mm * 51 mm * 360 mm
Weight	1340 g
Monitoring and Management	
Communication standard	RS-485

Notes:
(1) Automatic detection