330 W NEBS 3 Redundant Universal AC-DC Power Supply

Key Features

- **330 Watts Power Output, greater than 80% efficiency**
- **Redundant**
- **Front Access for use with the WR3500F, WR3500 shelves**
- **Universal application:**
    - **95 to 264 V AC universal**
    - **47 to 63 Hz**
    - **Input current - 6 A rms maximum**
- **Output over voltage/load protection**
- **Inrush current limited**

Applications

- AC power supply for WR3500 and WR3500F shelves

Compliance

- Telcordia NEBS Level 3
- UL 60950 Third Edition (IEC 950)
- CAN/CSA C22.2 No. 60950 00 Third Edition
- FCC Class A, CE
- EN 300 386

The JDSU 1U-high power supply shelf contains two 330 W flat-profile power conversion cassettes that generate -48 V output. Each AC-DC unit is cooled by two internal fans and an alarm circuit, with Form C contacts, monitors the output voltage of each card. Mounting options include 19" or 23", via reversible ears, and ETSI. The unit features front-accessible air filters with airflow direction from front to back.

Rectangular current limiting protects output, while thermal shutdown and automatic recovery occur in the case of insufficient airflow.

Specifications

Parameter		Specification
Electrical[1]		
Input voltage		95 to 264 V AC
Input frequency		47 to 63 Hz
Power dissipation	Typical	330 W
Output voltage		48 volts, current limited to 7.8 A, output is open
Line regulation		±1% combined from zero load to full load
Dynamic response		Maximum 5% voltage deviation for 10 to 50% load step, with more than 1 ms recovery time
Output ripple/noise		More than 50 mVrms or 300 mVpp (20 MHz BW)
Alarm relay signals		Dry contact major and minor alarms. Relay open under normal operation. Relay closed when power is off.
Physical[1]		
Size (W x H x D) without power connectors		16.9 x 1.6 x 10.9 inches (430 x 40.64 x 277 mm)
Weight (approximate)		6 lbs. (2.7 Kg)
Environmental[1]		
Short-term operating ambient temperature		-5 to 55 °C
Normal operating ambient temperature		0 to 40 °C
Storage temperature		-40 to 85 °C
Relative humidity, non-condensing		5 to 95%
Interface		
Input		IEC connector
Output and alarm		AMP 9-position Mate-N-Lok 350835-1
LED		Red – unit failure, Green – output power fine

1. All specifications are guaranteed over the life, operating temperatures, and wavelength range specified.

Ordering Information

For more information on this or other products and their availability, please contact your local JDSU account manager or JDSU directly at 1-800-498-JDSU (5378) in North America and +800-5378-JDSU worldwide or via e-mail at customer.service@jdsu.com.

Sample: DMS-3500PWR02

Product Code	Description
DMS-3500PWR02	Mate-N-Lock Cable and 2 AC to DC power modules
DMS-3500PMO02	Replacement AC to DC power module