

AC300W / AC300WR

Power Supply / System Monitor

Product Features

- Compact 1U Rack-Mountable Size
- 300 Watts @ 25 Amps (max) for AC300W
- 300 Watts @ 50 Amps (max) for AC300WR
- Universal AC (Alternate Current) Input
- Filtered IEC AC Inlet Connectors
- EMI FCC Class B Clearance on Internal Power Devices
- Highly Efficient Design
- No Minimum Load Required
- RS485/RS422 Remote Management
- Low Voltage Power Supply Alarm
- System Alarm & RESET / ACO (Alarm Cut Off) Features



AC300W



AC300WR

Product Description

VERSITRON Model AC300W / AC300WR Power Supply/System Monitor provide DC power to any VERSITRON FOM II fiber optic modem products when used with the Model HF-20A FOM II rack-mount chassis. The AC300W power supply is designed for a single power supply configuration while the AC300WR is designed for a redundant power supply configuration. Both models include provisions for alarm monitoring

Each model is a 1U high, 19" rack-mountable device. The AC300W has one 300 watt built-in power supply with its own AC-INLET, ON/OFF switch, and a power indicator LED. The AC300WR has two 300 watt built-in power supplies connected in parallel for complete redundancy, each with its own AC-INLET, ON/OFF switch, and a respective power LED. Each model also has two built-in alarm circuits with separate red LED's for low DC voltage alarm and for system alarm monitoring. In addition, each model also has an RS-485/RS-422 interface on the back panel for low DC power alarm and for system alarm remote monitoring.

The front panel of the Model AC300W contains two switches: POWER ON/OFF, and an Alarm Cut Off/Alarm Reset (ACO/RESET) switch. The front panel also contains five LED indicators: Power, SYS OK, PS Alarm, SYS Alarm, and ACO.

The front panel of the Model AC300WR contains three switches: POWER ON/OFF for each built-in power supply with embedded AC power ON green LEDs, and an Alarm Cut Off/Alarm Reset (ACO/RESET) switch. The front panel also contains six LED indicators: Power 1, Power 2, SYS OK, PS Alarm, SYS Alarm, and ACO.

Product Models

Model	Description	Style	Power Supplies	Dimensions	Weight
AC300W	Power Supply / System Monitor	Rack-Mount	1	19 x 1.75 x 12.12 Inches	11.13 pounds
AC300WR	Power Supply / System Monitor	Rack-Mount	2	19 x 1.75 x 12.12 Inches	13.25 pounds

AC300W / AC300WR

Power Supply / System Monitor

Electrical Specifications:

Output Voltage	12VDC
Output Ripple	Typical 100mV
Output Current	25 Amps per power supply
Output Power AC300W	300 Watts
Output Current AC300WR	600 Watts (300 Watts per power supply)
Input Voltage	Universal 90VAC to 264 VAC
Input Frequency	47Hz to 63 Hz
Input AC Current	Approximately 3 Amps (continuous)
Remote Monitoring Interface	RS-485 / RS-422

Environmental Specifications:

Overload Protection	Auto-recovery
Operating Temperature	0° to 70° C
Storage Temperature	-20° to 85° C
Over Voltage Type	Latch Off
Efficiency	80-90% Typical

Typical Internal Power Brick Safety Rating:

In full compliance with	UL60950, CSA 22.2 No. 234, EN60950
EMI	EN55022 "Class B"
EMS	EN61000-4-2, -3, -4, -5, -8, -11
Harmonics	EN61000-3-2 Class D



AC300W



AC300WR