



MODEL PAR4-3V-121520 (12VDC, 15VDC, 20VDC)

MODEL PAR4-3V-152024 (15VDC, 20VDC, 24VDC)

MODEL PAR4-3V-202428 (20VDC, 24VDC, 28VDC)

STANDARD FEATURES

- Local and remote monitoring of unit current
- Individual unit alarm outputs
- Current limit alarm
- Current step alarm
- Convenient 1 RU package
- Fully redundant power supplies
- Individual output connectors
- Non-volatile memory
- RS422, RS485 and 10/100 Base-T Ethernet

The Power Supply Unit is designed to power and monitor up to four single thread (non-redundant) remotely mounted units. Each one of the four outputs can be set to multiple voltages allowing the use of virtually any amplifier or block converter. Local control is from a front panel keyboard and remote monitoring is via RS422, RS485 and 10/100 Base-T Ethernet.

Geosync Microwave's current alarms allow monitoring of single amplification stage failures even in temperature compensated amplifiers, allowing for normal temperature and long term drift.

PRIMARY POWER REQUIREMENTS

Voltage.....	90-250 VAC
Frequency.....	47-63 Hz
Power Consumption	150W maximum

ELECTRICAL

DC Output Power	2.0 amps maximum per unit, 5.0 amps maximum combined
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AMPLIFIER ALARM

Contact closure/open for DC current alarm
Status alarm readout on remote control bus

SUMMARY ALARM

Contact closure/open for DC voltage and/or DC current alarm
Status alarm readout on remote control bus

PHYSICAL

Weight	20 pounds (9.1 kg), nominal
Chassis Dimensions	19" x 1.75" panel height x 20" maximum
Connectors -	
DC Output	MS3112A10-6S (supplied with mating connector MS3116E/F10-6P)
Amplifier Alarm.....	DA-15P
Summary Alarm	DE-9P
Remote Interface	DE-9S for RS422 and RS485 RJ-45 female for Ethernet

ENVIRONMENTAL

Operating -	
Ambient Temperature	0 to 50°C
Relative Humidity.....	Up to 95% at 30°C
Altitude	Up to 10,000 feet
Non-operating –	
Ambient Temperature	-50 to +70°C
Relative Humidity.....	Up to 95% at 40°C
Altitude.....	Up to 40,000 feet
Shock and Vibration	Normal handling by commercial carriers