



MULTI-VOLTAGE POWER SUPPLY SYSTEMS RACK AND WALL MOUNT SECOND GENERATION

RACK MOUNT UNIT-



WALL MOUNT UNIT -



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.

STANDARD FEATURES

- Local and remote monitoring of unit current
- Fully redundant power supplies
- Dual AC power input
- Current limit alarm
- Current step alarm
- Remote control via 10/100Base-T Ethernet
- Automatic/manual control
- Remote status reporting
- Amplifier fault detection
- Available in 1:1 or 1:2 configurations
- Individual output connectors
- Available in both a convenient 1RU package or wall mount package.

OPTIONS

- Rack mount or wall mount packaging
- Interconnection cable to LNA/B amplifier assembly
- Contact closure status
- RS485/422 remote
- Tracking amplifier power and monitoring

RACK MOUNT MODELS-

PAR4R-3V-121520 (12VDC, 15VDC, 20VDC)

PAR4R-3V-152024 (15VDC, 20VDC, 24VDC)

WALL MOUNT MODELS

PAR4E-3V-121520 (12VDC, 15VDC, 20VDC)

PAR4E-3V-152024 (15VDC, 20VDC, 24VDC)

PRIMARY POWER REQUIREMENTS

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

ELECTRICAL

DC Output Power	1.5 amps maximum per unit 6 amps maximum combined
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UNIT UNDER POWER ALARM

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

SUMMARY ALARM

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

PHYSICAL

Rack Mount Chassis -

Weight	20 pounds (9.1 kg) nominal with slides
Chassis Dimensions	19" x 1.75" x 20" maximum
Connectors -	
DC Output	MS3112A10-6S type (supplied with mating connector MS3116E/F10-6P type) (DE-9S connectors optional)
Amplifier Alarm	DA-15P
Summary Alarm	DE-9P
Remote Interface	DE-9S for RS422/485 RJ-45 for Ethernet
Primary Power	IEC-320

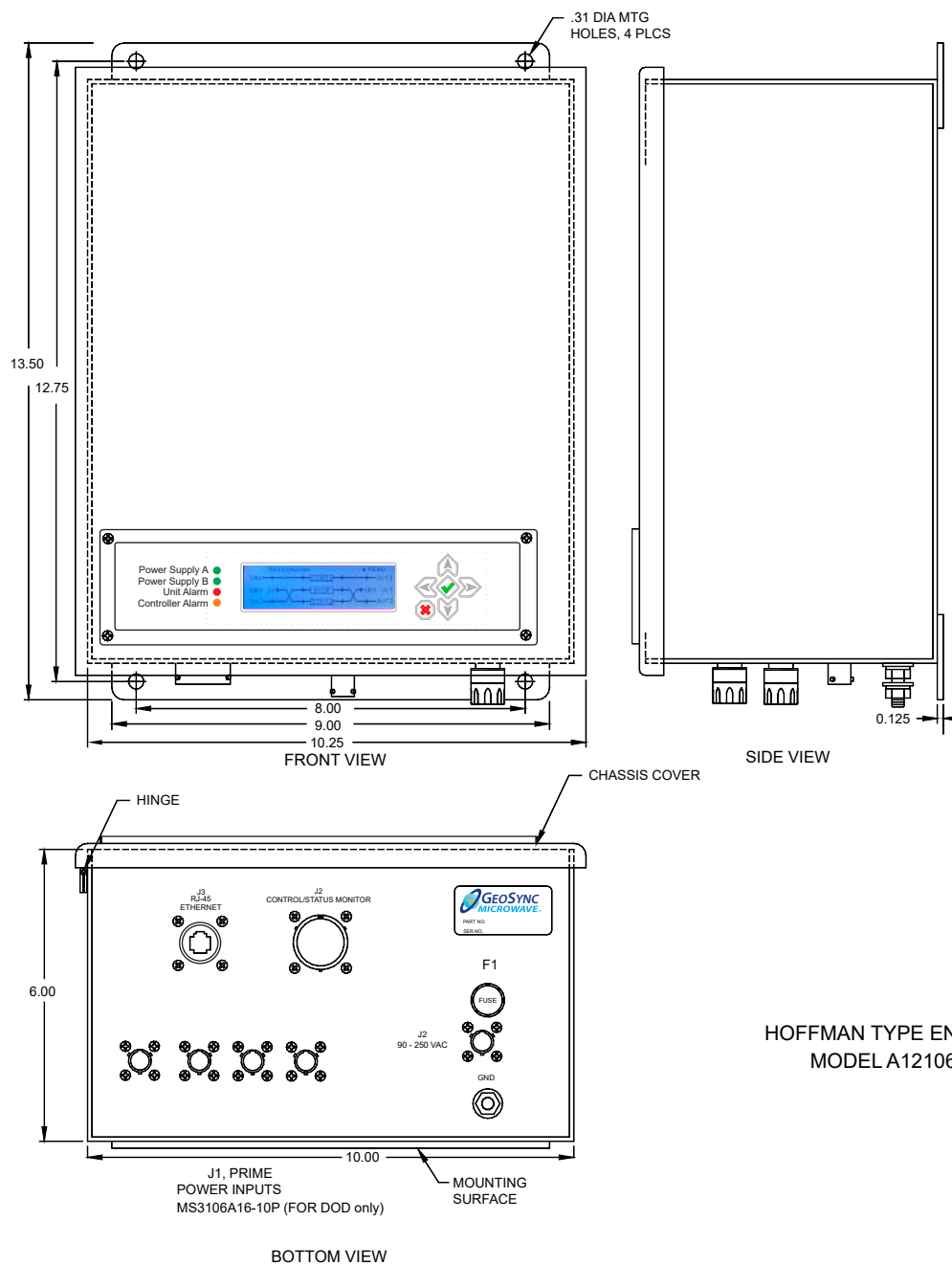
Wall Mount Chassis -

Weight	25 pounds (11.3 kg) WAG
Chassis Dimensions	See outline
Connectors -	
DC Output	MS3116E/F10-6P type
Status Alarm and remote	MS3116F14-18P type
Ethernet Remote Interface	RJ-45 for Ethernet
Primary Power	FCI Clipper series CM1M1102

OPTIONS

131-1 9 Pin D Type Connectors on Rack mount	DE-9S
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TYPICAL OUTLINE WALL MOUNT UNIT -



HOFFMAN TYPE ENCLOSURE
MODEL A12106CHAL