

FEATURES

- 2U module configurations
- -40 to -60V dc input
- Hot-bus plug-in, designed for parallel operation
- -20 to +55 Deg C operation Σ
- >500Khrs Demonstrated MTBF



SPECIFICATIONS

INPUT

Input Voltage: -40 to -60Vdc

OUTPUT

Voltage: +27Vdc

Power: 1200W

Accuracy: +/- 50mV

Ripple & Noise: 1% P-P measured with 20Mhz bandwidth

Line Regulation: Less than +/- 0.25%

Temperature Coefficient: Less than +/- 0.02% per 40°C

EFFICIENCY

Efficiency: 88% typical

PROTECTION

- Under-voltage cut off <39.5Vdc
- Output over-voltage protection (OVP) & over-temperature protection

ALARMS

Electronic: Input Ok and Output OK

Visual Alarm: Output OK

CONTROLS

Remote Inhibit: TTL control signal will cause module to shutdown

Remote Voltage control: Provides 19.7V to 29.7V adjustment of set-point voltages with 0>5V control signal

ENVIRONMENTAL

Cooling:

Normal operation: -20° to +55°C

Extended operation: -20° to +65°C rated 950W

Storage Temp: -50° to +85°C

Humidity: 0-95% non-condensing

MECHANICAL

Weight: 7lbs

Module Dimensions: Height 3.42" (87mm)
Width 4.45" (108mm)
Length 14.74" (375mm)

ORDER INFORMATION

Model Number	Part Number	Description
MeC12N4B-P27D00	137465-P27D00	Mercury 2U, DC/DC converter

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