

HPRU1000Q-6-EC-5693 High Power Replaceable Unit (LRU)

P/N: 84074

The HPRU power supply is a ruggedly built, COTS, modular design, Line Replaceable Unit. Features include hot-swappable and current sharing, with front panel status indicators and designed to meet the stringent requirements of industrial and military applications.

Features

- Hot swappable
- Modular design for user replacement
- Front panel status indicators on front panel



SPECIFICATIONS

INPUT Input Transient protection: Per Mil-STD-704, MIL-STD-1399 and MIL-STD-1285

-6: 115/200 VAC, 3 phase, 47-440 Hz

OUTPUT(S): Q (Quad)

Voltage/Current:	(5V @ 80A), (3.3V @ 10A), (12V @ 33.3A), (-12V @ 4.2A)
Power:	883 watts
Load Regulation:	0.2% Maximum (0-100%)
Line Regulation:	0.2% Maximum
PARD-Ripple & Noise:	1% typical
Current Limit:	Short circuit and over-current protected.
Over voltage:	Included
Efficiency:	72% to 85% depending on model.
Remote Sense:	0.6V compliance

STATUS SIGNALS All signals are open collector/open drain TTL compatible.
Fault to cause a logic state low.

DC OK
FAN OK
Over Temperature

PHYSICAL

Dimensions: 1/3 Rack Mount Chassis,
(3U) 5 1/4"H x 5 1/4"W x15"D) with guide pins bushings.

Cooling: **Option: EC** External fins

Connections: XXXX

Finish: CARC paint

ENVIRONMENTAL

Operating Temperature -40°C to +71°C (with derating)

Storage Temperature -40°C to +85°C

Humidity 0% to 95% Non-Condensing

Note: Unit designed to meet:
MIL-STD-1399 MIL-STD-461
Mil-STD-704 MIL-STD-810
MIL-STD-1285



Rear View
Unit appearance can change based on Options

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