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**

- 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 ¼"H x 5 ¼"W x 15"D) with guide pin 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