

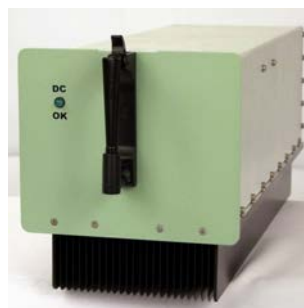
### HPRU1000Q-6-EC-5693 High Power Replaceable Unit (LRU)

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,<br>(3U) 5 1/4"H x 5 1/4"W x 15"D) with guide pin bushings. |
| Cooling:     | <b>Option: EC</b> | 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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