

# Sentry 48DCWB-04-2X100-DONB

## Key Features

- > Remote Power Management: Combine intelligent power distribution and remote power control into a single 2U 19" rack-mount enclosure
- > Input Power Feeds: Two (2) 100-amp inputs to support dual power supply servers and networking gear
- > Outlets: Two (2) high-amp (to 70A) individually fused outlets per input power feed
- > IP Access & Security: Web interface, SSL, SSH, Telnet, SNMP, FTP, SNMP, Syslog, LDAP(S), TACACS+, RADIUS, and RS-232 access
- > Expansion: Add an expansion PDU (48DCXB) to a master PDU (48DCWB) for additional monitoring and management under the same IP address
- > Environmental Sensors: Add two (2) probes on 10ft leads that each measure temperature and humidity

## Intelligent -48 VDC Power Distribution, Remote Management, Power & Environmental Monitoring



### 48DCWB-04-2X100-DONB

The Sentry 48DCWB-04-2X100-DONB Intelligent PDU and Remote Power Manager minimizes the impact of locked-up routers, servers and other network devices on business-critical networks. CLECs, ILECs, ISPs and enterprises use the Sentry 48DCWB-04-2X100-DONB to manage equipment in remote sites, co-location facilities and network operation centers. Sentry 48DCWB-04-2X100-DONB eliminates the need to dispatch a field service technician for manual intervention when devices lock-up. Using a Sentry 48DCWB-04-2X100-DONB, the network operations center can quickly restart locked-up remote network servers to ensure that the network is fully operational around the clock.

### Sentry 48 VDC provides immediate operational cost savings, including:

- > Reduced field service visits
- > Improved problem/solution response time
- > Improved network availability
- > Improved facility security

### Eliminate the Need for a Separate Power Distribution Panel

The Sentry 48DCWB is an intelligent unit that combines the functions of a power distribution panel and remote power management unit into a 2U 19" rack-mounted enclosure. Each power output terminal connection is rated to switch 70 amps and is protected by interchangeable TPC fuses allowing for the current rating to be adjusted onsite.

### Measurement Features

Use RS-232 and/or TCP/IP to monitor the status of key measurement values. Receive SNMP or email alerts as well as Syslog when a measurement value is out of a predefined threshold:

- > **Input Feed/Outlet "On Sense"** - Verifies power at each power input/outlet connection.
- > **Load Sense** - Provides an accurate, real time measurement of the current draw, in amps, for each power outlet.
- > **Environmental Sensors** - Supports two external probes that each measure temperature and humidity.

## Model Number and Technical Specifications

### Model #

- 48DCWB-04-2X100-DONB (Master)
- 48DCXB-04-2X100-DONB (Expansion)

### Power Input

- > Two (2) 100A power input terminal blocks (+/- & G), -48 VDC nominal (-40 VDC to -60 VDC)

### Power Output

- > Four (4) 70 amp outputs (2 per power input)
- > Each outlet individually protected by a TPC fuse (sold separately)
- > Available TPC fuses: 10, 15, 20, 25, 30, 40, 50, 60 and 75 amp

### Output Current Measurement

- > Lift off 0.50A
- > Accuracy, +/- 5% or 0.5A whichever is greater

### Communications and Security

- > 10/100 BaseT Ethernet
- > HTTP/HTTPS
- > TLSv1
- > SNMPv2c & v3
- > SSHv2
- > Telnet
- > LDAPS/LDAPv3
- > TACACS+
- > RADIUS
- > RS-232 (Serial)
- > IPv4/IPv6

### Dimensions

- > 2U, 89 x 432 x 442 mm  
[3.50 x 17.0 x 17.4 in.]

### Agency Approvals

- > NEBS Level 3
- > GR-1089-Core: Sections 1-4, 7, 9, and 10
- > GR-63-Core: Sections 4.1, 4.2, 4.3, 4.4, 4.5, and 4.7
- > ESTI: 300 019-2-1, -2, and -3
- > ESTI: EN 300 132-2 V2.2.2: 2007-10
- > US & Canada (cTUVus Mark) to UL 60950-1:2007 and CAN/CSA 22.2 No. 60950-1-07
- > EU (TUVGS Mark) to EN 60950-1:2006 +A11
- > FCC Class A, Part 15
- > CE Mark

### Accessories

#### Optional Accessories

- > EMTH-1-1 Combination Temperature/Humidity Probe, 10ft (3m)
- > EMCU-1-1B Environmental Monitor adding
  - Two (2) EMTH-1-1 Temperature/Humidity Probes (one included)
  - One (1) EMWS-1-1 Water Sensor (sold separately)
  - Four (4) Dry Contact (NO/NC) monitoring points
  - One (1) 8-bit analog-to-digital converter (0 to 5VDC)
- > SPM (Sentry Power Manager)
  - Monitor and manage multiple PDUs from a single point
  - Monitor and manage alarm conditions
  - Create reports and trends on stored data
  - Control and analyze power usage per power supply and device
  - Optional appliance or virtual version

### Warranty

- > 2 years



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### Expansion Module

#### Model Number

- > 48DCXB-04-2X100-DONB



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