

Product Cut Sheet

POWERWEDGE -POWER DISTRIBUTION UNIT (PDU)

The PowerWedge PDU is a single-phase, horizontal rack-mount, power distribution unit with 19"W EIA mounting brackets. It can be used in a CPI Cabinet or 4-Post Rack (front and rear support) only.

The PowerWedge distributes power to multiple devices from a single power connection. The compact design provides 24 power connections in 1U of rack-mount space. Switched outlets allow remote power cycling and by-outlet current monitoring. Circuit breakers limit current to protect circuits from overload. Local and networked current meters provide easy current monitoring and a sensor port allows remote temperature and humidity monitoring with an optional external sensor. The PowerWedge also integrates with CPI's Scalable Enterprise Management Application (SEMA) software providing real-time IP-based power monitoring across your entire enterprise network.

Specifications:

- Size: 19" EIA x 1U x 28"D (711 mm), Black
- For indoor use only in environmentally controlled areas
- Power Input: Specific to PDU
- Power Output: Same as power input
- Power Inlet/Plugs: Specific to PDU
- Power Cord: Attached, 10'L (3 m) not rated for plenum use
- Power Outlet Receptacles: Specific to PDU
- Circuit Protection: Magnetic (M) circuit breakers are in-line with each circuit segment
- Current Metering: Digital ammeters with digital displays are in-line with each circuit segment
- Current Monitoring:
 - (1) 10/100 Mbps RJ-45 Ethernet connection and (1) RJ-45 Serial Connection
 - Monitor PDU through the Ethernet connection using a web browser (http), CPI's SEMA software or an application that supports SNMP v1
- Temperature/Humidity Monitoring Port: (1) RJ-11 connection for an external temperature/humidity sensor (PN 35941-132) sold separately; monitor temperature remotely
- Controlled/Monitored Outlets:
 - Turn outlets on and off and remotely cycle power to equipment
 - Set initial power on and cycle delays to power multiple outlets on at user defined intervals
 - Monitor current use at each outlet
 - When used with SEMA software, you can report individual equipment power use and set a current limit that will prevent unused outlets from being turned on to prevent circuit overload
- Bonding/Grounding: Grounded power inlet/plug
- Certifications: UL Listed, N7WGQ.E212076; FCC, ICES-003 Class B, CE Mark
- Operating Conditions:
 - Temperature: 23 - 125°F (-5 - 52°C)
 - Relative Humidity: 10%-90%, non-condensing
 - Elevation: 0-10,000 feet (0 - 3000 meters)
 - Shock, Vibration: 5 Hz - 500 Hz, 0.5 g (0.1 octave/min.)
 - Heat Dissipation: 90 BTU/hr max.
- Storage/Non-Operating Conditions:
 - Temperature: -13 - 149°F (-25 - 65°C)
 - Relative Humidity: 5% - 95%, non-condensing
 - Elevation: 0 - 30,000 feet (0 - 9144 meters)
- Includes Rack/Cabinet Mounting Brackets:
 - Requires four-point (front/rear) support
 - Fits equipment mounting rails set 25" (635 mm) to 31" (787 mm) apart

For assistance in configuring your TeraFrame Cabinet, contact Technical Support at 800-834-4969 or visit CPI's Product Configurator at www.chatsworth.com/configurator.



The PowerWedge provides 24 outlets in a 1U horizontal configuration. Angled design enables more flexible cord placement. When cabinet depth is at a minimum, use PowerWedge to complete all your power distribution needs.

PowerWedge		
Part Number	Description	Shipping Weight
35882-5A2	19"W EIA x 1U x 28"D (711 mm) Controlled PDU, 250 Volt, 30 Amp, with a NEMA L6-30P plug, (24) IEC60320 C13 Outlet Receptacles, 2 x 15A Magnetic Circuit Breakers, SEMA Compatible, with External Port Monitoring (Ethernet, Serial & Environmental)	11 lb (5.0 kg)
35883-5B2	19"W EIA x 1U x 28"D (711 mm) Controlled PDU, 230 Volt, 32 Amp, with a IEC60309 2P+E plug, (24) IEC60320 C13 Outlet Receptacles, 2 x 16A Magnetic Circuit Breakers, SEMA Compatible, with External Port Monitoring (Ethernet, Serial & Environmental)	11 lb (5.0 kg)

+1-800-834-4969 in U.S. & Canada • www.chatsworth.com



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