PRODUCT DATASHEET

Cyberex® High Power Panel (HPP)

Power distribution system

Today's data centers require the highest level of reliability and performance. The Cyberex HPP provides more power in rack form factor providing the flexibility to expand your data center distribution capabilities. Fed from your existing PDU, the HPP readily provides up to (4) 42 pole panelboards, (4) main breakers all fed from up to (4) sources.

Our HPP has a rack-depth form factor to blend into your standard rack line-ups for end of row and is offered in up to 480/277, 415/240 and 400/230 volt with 400 amp configurations to provide almost 4 times the power density than is possible with traditional lower voltage feeders.

Enhanced power density with rack form factor

- Welded frame
- Compression lug ready
- Optional seismic rated floor stands available
- Front access for operation
- Main-tie-main configuration
- Modular design for flexibility
- Aesthetically matching with the IT equipment

Product features

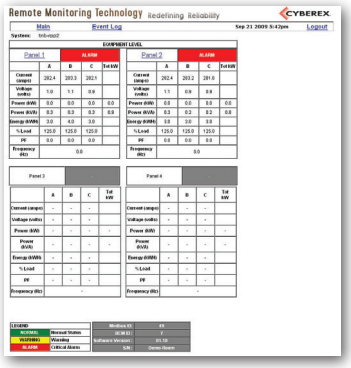
- Panelboard options up to 400 amp, 42 circuit – Square D, ABB, Cooper Bussmann
- Input connections: 1,000A input bus for 1 to 2 sources; 600A input bus for 1 to 4 sources
- Entry/exit: Top or bottom
- Traditional configurations up to 4 sources, 4 panelboards, 4 main breakers
- Construction: welded frame, door-in-door hinged dead fronts

HPP product specifications	
Electrical	
Input/output	3-phase, 4-wire + ground
Input/output voltage	380/220, 400/230, 415/240, 480/277
Input amperage	400, 600, 1,000
Panelboards	Up to (4) 42 circuit output panelboards
Source breakers	Up to 4 (optional)
Neutral rating	200%
Operating conditions	
Temperature (operating)	0 to 40°C
Temperature (storage)	-40 to 60°C
Maximum operating altitude	8,200 ft (2,500 m)
Dimensions/weight	
Height: 86 in (218.4 cm) Width: 30 in (76.2 cm) Depth: 38 in (96.5 cm) Weight: 500–550 lbs (227–249 kg)	
General	
Natural convection cooled	
Hinged dead-front panel	
Communications	
Modbus RTU (RS-485) (advanced and branch circuit monitoring)	
Modbus TCP (with optional BCM and display)	
Options	
Main-feed circuit monitoring	
Branch circuit monitoring	
Surge protective device	
Plug-on or bolt-on branch circuit breakers	
Input junction boxes	
Standards	
Safety	ETL listed to UL 508A and UL 60950-1 cETL listed to CAN/CSA-22.2 No. 14 and No. 60950-1
EMC	FCC compliant (part 15)
Enclosure	NEMA 1

HPP with see through door

Basic configurations

Input	1 source, 2 sources, 3 sources, 4 sources
Unit input optional	1 breaker, 2 breakers, 3 breakers, 4 breakers
Panelboards	1 panelboard, 2 panelboards, 3 panelboards, 4 panelboards
Power breaker amps	225A, 400A



HPP available with advanced branch circuit management with intelligent power quality management of circuits both locally and via the web.

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