VERTIV

OVERVIEW

Upgradeable Unit Level EC Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering a comprehensive view of input level power usage via remote network access. Includes environmental monitoring capabilities to obtain real-time environmental metrics. Upgrade the hot-swappable monitoring device on select units to leverage new technologies and accommodate changing business needs.

Benefits

- Reliable power distribution with local and remote power monitoring options offer quick access to critical power usage information to evaluate energy usage trends and maximize uptime.
- Environmental monitoring capabilities with the addition of optional environmental sensors ensure users have critical infrastructure data at their fingertips to prevent climate-related equipment failure and system downtime.
- Gather comprehensive power data at the palm of your hand with the use of the Vertiv VLC mobile app.
- Fault-Tolerant Daisy Chaining with RSTP simplifies intelligent rPDU connectivity and ensures data is reported even when a break in the network chain occurs.

Part #: 14240242

Model Number: CP8853
Category: Monitored
Sub Category: Unit Level EC
Power Configuration: 32A, 230V, 7.3kW
Physical Configuration: 1778mm x 51mm x 51mm, Vertical

Product Summary:	CP8853 - rPDU, Monitored Unit Level EC, 32A, 230V, 7.3kW, Vertical, (36) IEC C13, (6) IEC C19, 3m power cord with 2P+E (IP44), Black Powder Coat.
Monitoring:	Input power monitoring with breaker level current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

Plug Form:

2P + E (IP44)

Receptacle:

IEC C13 (Quantity: 36)

IEC C19 (Quantity: 6)

Chassis Color Options:

Vertiv.com

Product Specification and Options

System Features

Monitoring	Input power monitoring with breaker level current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.
Monitoring Level 1	Phase (A) Monitoring (kWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements
Monitoring Level 2	Circuit / Breaker Monitoring (A) Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy
VLC Support	Yes
Quantity Of Inputs	1
Voltage	230V
Current	32A
VA per Input (Load Capacity)	7.3kW
Frequency	50/60Hz
Over Current Protection	(2) 16A Single Pole Magnetic Breakers
Switch	Breaker/Switch Combination
Scrolling / Rotatable Digital Display	Yes
Power Cable Wire Gauge	4mm^2
Power Cable Length	3m
Power Entry Location	Bottom Front
Plug Type	IEC60309 2P+E, 32A, 250V, Splash proof IP44
Combined Total Receptacle/Socket Quantity	42
Receptacle/Socket Type #1	IEC C13
- Quantity	36
- Quantity per Breaker	18
- Maximum Output per Receptacle/Socket	10A
- Voltage per Receptacle/Socket	230V
Receptacle/Socket Type #2	IEC C19
- Quantity	6
- Quantity per Breaker	3
- Maximum Output per Receptacle/Socket	16A
- Voltage per Receptacle/Socket	230V

Internal RMS Voltage Sensor	Yes
Internal RMS Current Sensor	Yes
Network Connection	Dual 10/100Mbps Ethernet
Protocols Supported	DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+
Data Access Formats	CSV datalog, JSON API, JSON datalog
USB Support	Yes
IP Reset Button	Yes
Hard Reboot Button	Yes
Serial Connection	RS232 via RJ45
Remote Sensor RJ Connection Jacks	1 (Supports up to 16 Sensors)
Maximum Operating Temperature	60℃ / 140F
Heavy Steel - Powder Coat Finish	Black
Configuration	0U, Vertical
Toolless mounting HW – Center to Center	1560mm and 1645mm (Vertical mounting bracket included)
Product Warranty	5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
Certification/Agency Approvals	CE, EN55032 & EN55024, IEC60950-1, RoHS, China RoHS
Chassis Dimensions (HxWxD)	1778mm x 51mm x 51mm