

# **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 realtime 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.
- Fault-Tolerant Daisy Chaining with RSTP simplifies intelligent rPDU connectivity and ensures data is reported even when a breakin the network chain occurs. Supports up to 40 rPDUs.
- Every unit is 100% tested for reliability and functionality.
- Daisy-chain up to 50 devices on a single IP address and reduce deployment time with selfconfiguration of downstream devices.





### Part #: VP4U62A0

Model Number: MU05MDR1-24CF17-6PS6B4H10-S

Category: Monitored Sub Category: Unit Level

Power Configuration: 60/63A, 200-240V, 14.4kW Physical Configuration: 17in / 432mm, Horizontal

**Product Summary:** rPDU, Monitored Unit Level, 60A/63A, 200-240V, 14.4kW, Horizontal, (24)

Combination C13/C19, 3m power cord with 1P+N+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 display.

**Plug Form:** Receptacle:





2P+E (IP44)



Combination C13/C19 (Quantity: 24)

### **Chassis Color Options:**



To discuss color options, contact your local sales representative.

## **Product Specification and Options**

#### **System Features**

Environmental monitoring via optional remote sensors, Daisy chain Ethernet connectivity, Local high visibility display.  Input Monitoring 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  Circuit Monitoring Circuit / Breaker Monitoring (A) Circuit/Breaker Current Measurements Independently Tested and Verified at 1% Accuracy  Quantity Of Inputs 1 Voltage 200-240V  Current 60/63A VA per Input (Load Capacity) 48A Derated UL 11.5kW (240V) VA per Input (Load Capacity) 63A CE 14.4kW (230V) Frequency 50/60Hz  Over Current Protection (4) 16A Double Pole Magnetic Breakers  Switch Breaker/Switch Combination  LCD Touchscreen Display / Auto Oriented Yes Power Cable Length 10ft / 3m Power Entry Location Left Rear Plug Type IEC60309 2P + E, 60/63A, 250V, Splashproof IP44 Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 24 - Quantity per Breaker 6 - Circuit Color ID 4 Circuit = Orange, Light Orange, Green, Light Green Banks of 6 - Voltage per Receptacle/Socket 230V Internal RMS Voltage Sensor Yes Internal RMS Voltage Sensor Yes Internal RMS Current Sensor Yes Internal RMS Voltage Sensor Yes	System Features	
Power Measurements Compliant with ANSI C12.1 and IEC 62053- 21 at 1% Accuracy Class Requirements  Circuit Monitoring  Circuit / Breaker Monitoring (A)  Circuit/Breaker Current Measurements Independently Tested and Verified at 1% Accuracy  Quantity Of Inputs  1  Voltage  200-240V  Current  60/63A  VA per Input (Load Capacity) 48A Derated UL  11.5kW (240V)  VA per Input (Load Capacity) 63A CE  14.4kW (230V)  Frequency  50/60Hz  Over Current Protection  (4) 16A Double Pole Magnetic Breakers  Switch  Breaker/Switch Combination  LCD Touchscreen Display / Auto Oriented  Yes  Power Cable Wire Gauge  16mmŹ H07RN-F  Power Cable Length  10ft / 3m  Left Rear  Plug Type  IEC60309 2P + E, 60/63A, 250V, Splashproof IP44  Receptacle/Socket Type #1  - Quantity on Face  24  - Outlage per Receptacle/Socket  230V  Internal RMS Voltage Sensor  Yes  Internal RMS Voltage Sensor  Yes  Network Connection  Dual 10/100/1000Mbps Ethernet  Protocols Supported  DHCP, HTTP, HTTPS, IPV4, IPV6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (V1/V2c/V3), Syslog, TACACS+, Modbus TCP  Data Access Formats  CSV datalog, JSON API, JSON datalog  USB Support  Yes  Hard Reboot Button  Yes	Monitoring	Environmental monitoring via optional remote sensors. Daisy
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USB Support Yes  IP Reset Button Yes  Hard Reboot Button Yes	Protocols Supported	
IP Reset Button Yes Hard Reboot Button Yes	Data Access Formats	CSV datalog, JSON API, JSON datalog
Hard Reboot Button Yes	USB Support	Yes
	IP Reset Button	Yes
Serial Connection RS232 via RJ45	Hard Reboot Button	Yes
	Serial Connection	RS232 via RJ45

Remote Sensor RJ Connection Jacks	1 (Supports up to 16 Sensors)
Maximum Operating Temperature	60C / 140F
Heavy Steel - Powder Coat Finish	Black
Configuration	2U
19in Recess Mount	Yes
Product Warranty	5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
Certification/Agency Approvals	CE Marked
Certification/Agency Approvals	UL & c-UL Listed 62368-1
Certification/Agency Approvals	UKCA Marked
Certification/Agency Approvals	Complies with IEC 62368-1 (DOC Available)
Certification/Agency Approvals	Complies with EN 55032 and EN 55035
Certification/Agency Approvals	RoHS Compliant
Certification/Agency Approvals	RCM Mark (EMC Only)
Certification/Agency Approvals	FCC Part 15 Class A Conformance
Certification/Agency Approvals	China RoHS
Chassis Dimensions (HxWxD)	3.48in x 17in x 12in / 89mm x 432mm x 305mm
Shipping Weight	19 lbs (8.6 kg)