# Vertiv™ PowerIT rPDU



## **OVERVIEW**

Upgradeable Outlet Level Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering a comprehensive view of outlet 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.



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





### Part #: VP6UU1A0

Model Number: DUR5M1R6-12CF17-1S02A0H00-S

Category: Monitored

Sub Category: Outlet Level

Power Configuration: Variable, Max 11.0kW Physical Configuration: 19in / 483mm, Horizontal

**Product Summary:** rPDU, Monitored Outlet Level EC, Max 11.0kW, Variable Power Configuration,

Horizontal, (12) Combination C13/C19, Universal Input, Black Powder Coat.

**Monitoring:** Input and Outlet power monitoring. Circuit/Breaker current monitoring. Environmental

monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high

visibility display.

**Plug Form:** Receptacle:





Universal Inlet

Combination C13/C19 (Quantity: 12)

### **Chassis Color Options:**



To discuss color options, contact your local sales representative.

### **Product Specification and Options**

#### **System Features**

System Features	
Monitoring	Input and Outlet power monitoring. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.
Input Monitoring	Total Unit Monitoring (kWh, W, VA, PF)
	Phase 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
Outlet Monitoring	Outlet Monitoring (kWh, W, VA, PF, V, A)
	Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements.
Quantity Of Inputs	1
Maximum Input Power (Defined by Facility Side Cable)	48A Single Phase, 240V Max, 11.0kW 24A 3 Phase DELTA, 240V Max, 8.6kW 16A Three Phase WYE, 240/415V Max, 11.0kW
Frequency	50/60Hz
Over Current Protection	(3) 16A Double Pole Magnetic Breakers (10kAIC Rated)
Switch	Breaker/Switch Combination
LCD Touchscreen Display / Auto Oriented	Yes
Indicators - LED(s)	12
Power Entry Location	Rear
Plug Type	Universal Inlet
Receptacle/Socket Type #1	Combination C13/C19
- Quantity on Rear	
- Quantity per Breaker	12
	4
- Circuit Color ID	<del>.</del>
	4
- Circuit Color ID	4 3 Circuit = Orange, Green, Blue
- Circuit Color ID - Style	4 3 Circuit = Orange, Green, Blue Banks of 6
- Circuit Color ID  - Style  - Voltage per Receptacle/Socket	4 3 Circuit = Orange, Green, Blue Banks of 6 Defined by Facility Side Cable
- Circuit Color ID  - Style  - Voltage per Receptacle/Socket  Network Connection	4 3 Circuit = Orange, Green, Blue Banks of 6 Defined by Facility Side Cable Dual 10/100/1000Mbps Ethernet DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP,
- Circuit Color ID  - Style  - Voltage per Receptacle/Socket  Network Connection  Protocols Supported	4  3 Circuit = Orange, Green, Blue  Banks of 6  Defined by Facility Side Cable  Dual 10/100/1000Mbps Ethernet  DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP
- Circuit Color ID  - Style  - Voltage per Receptacle/Socket  Network Connection  Protocols Supported  Data Access Formats	4  3 Circuit = Orange, Green, Blue  Banks of 6  Defined by Facility Side Cable  Dual 10/100/1000Mbps Ethernet  DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  CSV datalog, JSON API, JSON datalog
- Circuit Color ID  - Style  - Voltage per Receptacle/Socket  Network Connection  Protocols Supported  Data Access Formats  USB Support	3 Circuit = Orange, Green, Blue  Banks of 6  Defined by Facility Side Cable  Dual 10/100/1000Mbps Ethernet  DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  CSV datalog, JSON API, JSON datalog  Yes
- Circuit Color ID  - Style  - Voltage per Receptacle/Socket  Network Connection  Protocols Supported  Data Access Formats  USB Support  IP Reset Button	4 3 Circuit = Orange, Green, Blue Banks of 6 Defined by Facility Side Cable Dual 10/100/1000Mbps Ethernet DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP CSV datalog, JSON API, JSON datalog Yes Yes

Maximum Operating Temperature	60C / 140F
Heavy Steel - Powder Coat Finish	Black
Configuration	1U
Adjustable Mount Brackets	Yes
Country of Origin	USA, TAA Compliant and Buy American Act COTS Compliant
Product Warranty	5-year limited warranty
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)	1.72in x 17in x 12in / 44mm x 432mm x 305mm
Shipped Weight	12lbs (5.44kg)