

## 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 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.
- 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 self-configuration of downstream devices.



## Part #: VP6UU0A1

**Model Number:** DUR5MGW1-24CF17-1S02A9K00-S-A-RC

**Category:** Monitored

**Sub Category:** Outlet Level

**Power Configuration:** Variable, Variable, 11.0kW

**Physical Configuration:** 72in / 1829mm, Vertical

### Product Summary:

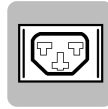
rPDU, Monitored Outlet Level EC, Residual Current Metering Type B, 11.0kW, Variable Power Configuration, Vertical, (24) Combination C13/C19, Universal Inlet, Black Powder Coat.

### Monitoring:

Input and Outlet power monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.

**Plug Form:**

Universal Inlet

**Receptacle:**Combination C13/C19  
(Quantity: 24)**Chassis Color Options:**

To discuss color options, contact your local sales representative.

**Product Specification and Options****System Features**

|                                                             |                                                                                                                                                                                          |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Monitoring</b>                                           | Input and Outlet power monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.                               |
| <b>Input Monitoring</b>                                     | Total Unit Monitoring (kWh, W, VA, PF)<br>Phase Monitoring (kWh, W, VA, PF, V, A)<br><br>Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements |
| <b>Circuit Monitoring</b>                                   | Circuit / Breaker Monitoring (A)<br><br>Circuit/Breaker Current Measurements Independently Tested and Verified at 1% Accuracy                                                            |
| <b>Outlet Monitoring</b>                                    | Outlet Monitoring (kWh, W, VA, PF, V, A)<br><br>Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements.                                         |
| <b>Residual Current Metering (RCM)</b>                      | Phase (A, B, C)<br>Type B (AC/DC) with operating characteristics defined in IEC 62020:1998+AMD1:2003.                                                                                    |
| <b>Quantity Of Inputs</b>                                   | 1                                                                                                                                                                                        |
| <b>Maximum Input Power (Defined by Facility Side Cable)</b> | 48A Single Phase, 240V Max, 11.0kW<br>24A 3 Phase DELTA, 240V Max, 8.6kW<br>16A Three Phase WYE, 240/415V Max, 11.0kW                                                                    |
| <b>Frequency</b>                                            | 50/60Hz                                                                                                                                                                                  |
| <b>Over Current Protection</b>                              | (3) 16A Double Pole Magnetic Breakers (10kAIC Rated)                                                                                                                                     |
| <b>Switch</b>                                               | Breaker/Switch Combination                                                                                                                                                               |
| <b>LCD Touchscreen Display / Auto Oriented</b>              | Yes                                                                                                                                                                                      |
| <b>Indicators - LED(s)</b>                                  | 24                                                                                                                                                                                       |
| <b>Power Entry Location</b>                                 | Pivoting Connector                                                                                                                                                                       |
| <b>Plug Type</b>                                            | Universal Inlet                                                                                                                                                                          |
| <b>Alternating Phase/Circuits</b>                           | Yes                                                                                                                                                                                      |
| <b>Receptacle/Socket Type #1</b>                            | Combination C13/C19                                                                                                                                                                      |
| <b>- Quantity on Face</b>                                   | 24                                                                                                                                                                                       |
| <b>- Quantity per Breaker</b>                               | 8                                                                                                                                                                                        |
| <b>- Circuit Color ID</b>                                   | 3 Circuit = Orange, Green, Blue                                                                                                                                                          |

|                                                              |                                                                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>- Style</b>                                               | Banks of 6                                                                                                       |
| <b>- Voltage per Receptacle/Socket</b>                       | Defined by Facility Side Cable                                                                                   |
| <b>Network Connection</b>                                    | Dual 10/100/1000Mbps Ethernet                                                                                    |
| <b>Protocols Supported</b>                                   | DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP |
| <b>Data Access Formats</b>                                   | CSV datalog, JSON API, JSON datalog                                                                              |
| <b>USB Support</b>                                           | Yes                                                                                                              |
| <b>IP Reset Button</b>                                       | Yes                                                                                                              |
| <b>Hard Reboot Button</b>                                    | Yes                                                                                                              |
| <b>Serial Connection</b>                                     | RS232 via RJ45                                                                                                   |
| <b>Remote Sensor RJ Connection Jacks</b>                     | 1 (Supports up to 16 Sensors)                                                                                    |
| <b>Maximum Operating Temperature</b>                         | 60C / 140F                                                                                                       |
| <b>Heavy Steel - Powder Coat Finish</b>                      | Black                                                                                                            |
| <b>Configuration</b>                                         | Zero U                                                                                                           |
| <b>4689 UPDU Mounting Bracket Kit</b>                        | Yes                                                                                                              |
| <b>Toolless Mounting Hardware - Center to Center Spacing</b> | 61.25in and 64.75in / 1556mm and 1645mm                                                                          |
| <b>Country of Origin</b>                                     | USA, TAA Compliant and Buy American Act COTS Compliant                                                           |
| <b>Product Warranty</b>                                      | 5-year limited warranty                                                                                          |
| <b>Certification/Agency Approvals</b>                        | CE Marked                                                                                                        |
| <b>Certification/Agency Approvals</b>                        | UKCA Marked                                                                                                      |
| <b>Certification/Agency Approvals</b>                        | Complies with IEC 62368-1 (DOC Available)                                                                        |
| <b>Certification/Agency Approvals</b>                        | Complies with EN 55032 and EN 55035                                                                              |
| <b>Certification/Agency Approvals</b>                        | RoHS Compliant                                                                                                   |
| <b>Certification/Agency Approvals</b>                        | C <sub>ρ</sub> Mark                                                                                              |
| <b>Chassis Dimensions (LxWxD)</b>                            | 72in x 2in x 2.6in / 1829mm x 51mm x 66mm                                                                        |
| <b>Doghouse (D)</b>                                          | 1.4in / 36mm                                                                                                     |
| <b>Shipped Weight</b>                                        | 27lbs (12.25kg)                                                                                                  |