

## 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. Supports up to 40 rPDUs.
- Every unit is 100% tested for reliability and functionality.



## Part #: UI30007L

**Model Number:** DU03E4W1-30PN67-2S02A9K00-S-A

**Category:** Monitored

**Sub Category:** Unit Level EC

**Power Configuration:** Variable, Max 22.0kW

**Physical Configuration:** 70in / 1778mm, Vertical

### Product Summary:

UI30007L - rPDU, Monitored Unit Level EC, Max 22.0kW, Variable Power Configuration, Vertical, (24) Locking IEC C13, (6) Locking IEC C19, Universal Input, Black Powder Coat.

### Monitoring:

Input and per Phase power monitoring with Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

### Plug Form:



Universal Input

### Receptacle:



Locking IEC C13  
(Quantity: 24)



Locking IEC C19  
(Quantity: 6)

### Chassis Color Options:



To discuss color options, contact your local sales representative.

## Product Specification and Options

### System Features

|   |   |
|---|---|
| <b>Monitoring</b>   | Input and per Phase power monitoring with Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED 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>VLC Support</b>  | Yes   |
| <b>Quantity Of Inputs</b>                                   | 1   |
| <b>Maximum Input Power (Defined by Facility Side Cable)</b> | 63A Single Phase, 240V Max, 14.4kW<br>48A 3 Phase DELTA, 240V Max, 19.9kW<br>32A Three Phase WYE, 240/415V Max, 22.0kW  |
| <b>Frequency</b>  | 50/60Hz   |
| <b>Over Current Protection</b>                              | (6) 16A Double Pole Magnetic Breakers (10kAIC Rated)  |
| <b>Switch</b>   | Breaker/Switch Combination  |
| <b>Scrolling / Rotatable Digital Display</b>                | Yes   |
| <b>Power Entry Location</b>                                 | Pivoting Connector  |
| <b>Plug Type</b>  | Universal Inlet   |
| <b>Combined Total Receptacle/Socket Quantity</b>            | 30  |
| <b>Alternating Phase/Circuits</b>                           | Yes   |
| <b>Receptacle/Socket Type #1</b>                            | U-Lock IEC C13  |
| - Quantity on Face  | 24  |
| - Quantity per Breaker                                      | 4   |
| - U-Lock Color ID   | 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue  |
| - Style   | Individual  |
| - Voltage per Receptacle/Socket                             | Defined by Facility Side Cable  |
| <b>Receptacle/Socket Type #2</b>                            | U-Lock IEC C19  |
| - Quantity on Face  | 6   |
| - Quantity per Breaker                                      | 1   |
| - U-Lock Color ID   | 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue  |
| - Style   | Individual  |
| - Voltage per Receptacle/Socket                             | Defined by Facility Side Cable  |
| <b>Internal RMS Voltage Sensor</b>                          | Yes   |
| <b>Internal RMS Current Sensor</b>                          | Yes   |
| <b>Network Connection</b>                                   | Dual 10/100Mbps Ethernet  |
| <b>Protocols Supported</b>                                  | DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+  |
| <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>Toolless Mounting Hardware - Center to Center Spacing</b> | 61.25in and 64.75in / 1556mm and 1645mm   |
| <b>Product Warranty</b>                                      | 5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years |
| <b>Certification/Agency Approvals</b>                        | CE Marked   |
| <b>Certification/Agency Approvals</b>                        | Complies with EN 55032 and EN 55024   |
| <b>Certification/Agency Approvals</b>                        | Complies with IEC 60950-1 (CB Certificate Available)  |
| <b>Certification/Agency Approvals</b>                        | FCC Part 15 Class A Conformance   |
| <b>Certification/Agency Approvals</b>                        | RoHS Compliant  |
| <b>Certification/Agency Approvals</b>                        | RCM Mark (EMC Only)   |
| <b>Certification/Agency Approvals</b>                        | UL & c-UL Listed 60950  |
| <b>Certification/Agency Approvals</b>                        | China RoHS  |
| <b>Chassis Dimensions (LxWxD)</b>                            | 70in x 2in x 2.25in / 1778mm x 51mm x 58mm  |
| <b>Doghouse (D)</b>  | 1.4in / 36mm  |
| <b>Shipped Weight</b>  | 21lbs (9.53kg)  |