

# **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.
- 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 #: VP4N32A0

Model Number: MN05M2R1-16IB48-3TL6A0H10-S

Category: Monitored
Sub Category: Unit Level

Power Configuration: 30A, 208V, 4.9kW

Physical Configuration: 19in / 483mm, Horizontal

**Product Summary:** 

rPDU, Monitored Unit Level EC, 30A, 208V, 4.9kW, Horizontal, (12) IEC C13, (4) IEC

C19, 10ft power cord with L6-30P, 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.

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## Plug Form:

#### Receptacle:







IEC C13 (Quantity: 12)

IEC C19

### **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.  Monitoring Level 1 Phase (A) Monitoring (AWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C121 and IEC 62053 21 at 1% Accuracy Class Requirements  Monitoring Level 2 Circuit/Breaker Monitoring (A) Circuit/Bre	Monitoring	Input power monitoring with breaker level current monitoring.
Power Measurements Compliant with ANSI C12.1 and IEC 62053 21 at 1% Accuracy Class Requirements  Circuit/Breaker Current Measurements Independently Tested and Verifiel at 2% Accuracy  Quantity Of Inputs  1  Voltage 200-240V  Current 30A  VA per Input (Load Capacity) 4.9kW (208V)  Frequency 50/60Hz  Over Current Protection (2) 20A Double Pole Magnetic Breakers  Switch Breaker/Switch Combination  LCD Touchscreen Display / Auto Oriented Yes Power Cable Length 10/3  Power Cable Length 10/1 / 3m  Power Entry Location Left Rear  Plug Type NEMA L6-30P Twistlock  Combined Total Receptacle/Socket Quantity 16  Receptacle/Socket Type #1 IEC C13  -Quantity on Rear 12  -Quantity on Rear 12  -Quantity per Breaker 4  -Quantity per Breaker Pair 2  -Quantity on Rear 4  -Quantity per Breaker Pair 2  -Quantity on Rear 4  -Quantity per Breaker Pair 2  -Quantity per Breaker Pair 3  -Quantity per Breaker Pair 4  -Quantity per Breaker Pair 5-Style Individual  -Voltage per Receptacle/Socket 208V  Internal RMS Voltage Sensor Yes Internal RMS Voltage Sensor Yes Internal RMS Current Sensor Yes Internal RMS Current Sensor Yes Shyl Shylp (Vivze/ko3), Syslog. TACACS+, Modbus TCP Data Access Formats CSV datalog, JSON API, JSON datalog USB Support Yes Presex Button Yes Serial Connection RS232 via RJ45		Environmental monitoring via optional remote sensors. Daisy
Monitoring Level 2 Circuit/Breaker Monitoring (A) Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy  Quantity Of Inputs 1 Voltage 200-240V Current 30A VA per Input (Load Capacity) 4-9kW (208V) Frequency 50/60Hz Over Current Protection (2) 20A Double Pole Magnetic Breakers Switch Breaker/Switch Combination LCD Touchscreen Display / Auto Oriented Yes Power Cable Wire Gauge 10/3 Power Cable Length 10ft / 3m Power Entry Location Left Rear Plug Type NEMA L6-30P Twistlock Combined Total Receptacle/Socket Quantity 16 Receptacle/Socket Type #1 IEC C13 -Quantity on Rear -Quantity on Rear 4 -Quantity on Rear 5 -Style -Quantity on Rear 4 -Quantity on Rear 4 -Quantity on Rear 4 -Quantity on Rear 5 -Quantity on Rear 4 -Quantity on Rear 4 -Quantity on Rear 4 -Quantity on Rear 5 -Quantity on Rear 4 -Quantity on Rear 5 -Quantity on Rear 6 -Quantity on Rear 7 -Quantity on Rear 9 -Quantity on Re	Monitoring Level 1	Phase (A) Monitoring (kWh, W, VA, PF, V, A)
Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy  Quantity Of Inputs  1  Voltage 200-240V  Current 30A  VA per Input (Load Capacity) 4-9kW (208V)  Frequency 50/60Hz  Over Current Protection (2) 20A Double Pole Magnetic Breakers  Switch Breaker/Switch Combination  LCD Touchscreen Display / Auto Oriented Yes  Power Cable Wire Gauge 10/3  Power Cable Length 10ft / 3m  Power Entry Location Left Rear  Plug Type NEMA L6-30P Twistlock  Combined Total Receptacle/Socket Quantity 16  Receptacle/Socket Type #1 IEC C13  - Quantity on Rear 12  - Quantity per Breaker 6 - Style Banks of 3  - Voltage per Receptacle/Socket 208V  Receptacle/Socket Type #2 IEC C19  - Quantity on Rear 4  - Quantity on Rear 5 tyle Individual  - Voltage per Receptacle/Socket 208V  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  Berial Connection RS232 via RJ45		Power Measurements Compliant with ANSI C12.1 and IEC 62053- 21 at 1% Accuracy Class Requirements
and Verified at 2% Accuracy  Quantity Of Inputs  1  Voltage 200-240V  Gurrent 30A  VA per Input (Load Capacity) 50/60Hz  Over Current Protection (2) 20A Double Pole Magnetic Breakers  Switch Breaker/Switch Combination  LCD Touchscreen Display / Auto Oriented Yes  Power Cable Wire Gauge 10/3  Power Cable Length 10ft / 3m  Power Entry Location Left Rear  Plug Type NEMA LG-30P Twistlock  Combined Total Receptacle/Socket Quantity 16  Receptacle/Socket Type #1 IEC C13  - Quantity per Breaker 6 - Style Banks of 3  - Voltage per Receptacle/Socket 208V  Receptacle/Socket Type #2 IEC C19  - Quantity on Rear 4  - Quantity per Breaker Pair 2 - Undid Individual  - Voltage per Receptacle/Socket 208V  Internal RMS Courent Sensor Yes  Network Connection Dual 10/100/1000Mbps Ethernet  Protocols Supported CSV datalog, JSON API, JSON datalog USB Support Yes  Berale Connection RS232 via RJ45	Monitoring Level 2	Circuit/Breaker Monitoring (A)
Voltage         200-240V           Current         30A           VA per Input (Load Capacity)         4.9kW (208V)           Frequency         50/60Hz           Over Current Protection         (2) 20A Double Pole Magnetic Breakers           Switch         Breaker/Switch Combination           LCD Touchscreen Display / Auto Oriented         Yes           Power Cable Wire Gauge         10/3           Power Cable Length         10ft / 3m           Power Entry Location         Left Rear           Plug Type         NEMA L6-30P Twistlock           Combined Total Receptacle/Socket Quantity         16           Receptacle/Socket Type #1         IEC C13           - Quantity on Rear         12           - Quantity per Breaker         6           - Style         Banks of 3           - Voltage per Receptacle/Socket         208V           Receptacle/Socket Type #2         IEC C19           - Quantity per Breaker Pair         2           - Style         Individual           - Voltage per Receptacle/Socket         208V           Internal RMS Voltage Sensor         Yes           Internal RMS Current Sensor         Yes           Network Connection         Dual 10/100/1000Mbps Ethernet		• • •
Current 30A  VA per Input (Load Capacity) 4.4kW (208V)  Frequency 50/60Hz  Over Current Protection (2) 20A Double Pole Magnetic Breakers  Switch Breaker/Switch Combination  LCD Touchscreen Display / Auto Oriented Yes  Power Cable Wire Gauge 10/3  Power Cable Length 10ft / 3m  Power Entry Location Left Rear  Plug Type NEMA L6-30P Twistlock  Combined Total Receptacle/Socket Quantity 16  Receptacle/Socket Type #1 IEC C13  - Quantity on Rear 12  - Quantity per Breaker 6  - Style Banks of 3  - Voltage per Receptacle/Socket 208V  Receptacle/Socket Type #2 IEC C19  - Quantity on Rear 4  - Quantity per Breaker Pair 2  - Quantity per Breaker Pair 2  - Outland William Parker Pair 2  - Style Individual  - Voltage per Receptacle/Socket 208V  Internal RMS Voltage Sensor Yes  Internal RMS Current Sensor Yes  Network Connection Dual 10/100/1000Mbps Ethernet  Protocols Supported DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SSMP (VI/V2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats CSV datalog, JSON API, JSON datalog  USB Support Yes  Berial Connection RS23 via RJ45	Quantity Of Inputs	1
VA per Input (Load Capacity) 4.9kW (208V) Frequency 50/60Hz Over Current Protection (2) 20A Double Pole Magnetic Breakers Switch Breaker/Switch Combination  LCD Touchscreen Display / Auto Oriented Yes Power Cable Wire Gauge 10/3 Power Cable Wire Gauge 10/3 Power Cable Length 10ft / 3m Power Entry Location Left Rear Plug Type NEMA L6-30P Twistlock Combined Total Receptacle/Socket Quantity 16 Receptacle/Socket Type #1 LEC C13 -Quantity on Rear 12 -Quantity per Breaker 6 -Style Banks of 3 -Voltage per Receptacle/Socket 208V Receptacle/Socket Type #2 LEC C19 -Quantity on Rear 4 -Quantity per Breaker Pair 2 -Quantity per Breaker Pair 2 -Quantity per Breaker Pair 2 -Style Individual -Voltage per Receptacle/Socket 208V Internal RMS Voltage Sensor Yes Internal RMS Current Sensor Yes Network Connection Dual 10/100/1000Mbps Ethernet Protocols Supported DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SSMP (v/lv2c/v3), Syslog, TACACS+, Modbus TCP Data Access Formats CSV datalog, JSON API, JSON datalog USB Support Yes IP Reset Button Yes Serial Connection RS232 via RJ45	Voltage	200-240V
Frequency 50/60Hz Over Current Protection (2) 20A Double Pole Magnetic Breakers  Switch Breaker/Switch Combination  LCD Touchscreen Display / Auto Oriented Yes Power Cable Wire Gauge 10/3  Power Cable Length 10ft / 3m  Power Entry Location Left Rear  Plug Type NEMA L6-30P Twistlock  Combined Total Receptacle/Socket Quantity 16  Receptacle/Socket Type #1 IEC C13  - Quantity on Rear 12  - Quantity per Breaker 6  - Voltage per Receptacle/Socket 208V  Receptacle/Socket Type #2 IEC C19  - Quantity on Rear 4  - Quantity per Breaker 4  - Quantity per Breaker 208V  Receptacle/Socket Type #2 IEC C19  - Voltage per Receptacle/Socket 208V  Individual 208V  Internal RMS Voltage Sensor Yes  Internal RMS Current Sensor Yes  Network Connection Dual 10/100/1000Mbps Ethernet  DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v/1/v2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats CSV datalog, JSON API, JSON datalog  USB Support Yes  Birland Reboot Button Yes  Serial Connection RS232 via RJ45	Current	30A
Over Current Protection (2) 20A Double Pole Magnetic Breakers  Switch Breaker/Switch Combination  LCD Touchscreen Display / Auto Oriented Yes  Power Cable Wire Gauge 10/3  Power Cable Length 10ft / 3m  Power Entry Location Left Rear  Plug Type NEMA L6-30P Twistlock  Combined Total Receptacle/Socket Quantity 16  Receptacle/Socket Type #1 IEC C13  - Quantity on Rear 12  - Quantity per Breaker 6  - Style Banks of 3  - Voltage per Receptacle/Socket 1208V  Receptacle/Socket Type #2 IEC C19  - Quantity on Rear 4  - Quantity on Rear 4  - Ouantity on Rear 4  - Under the per Breaker 10  - Voltage per Receptacle/Socket 10  - Voltage per Recepta	VA per Input (Load Capacity)	4.9kW (208V)
Switch Breaker/Switch Combination  LCD Touchscreen Display / Auto Oriented Yes  Power Cable Wire Gauge 10/3  Power Cable Length 10ft / 3m  Power Entry Location Left Rear  Plug Type NEMA L6-30P Twistlock  Combined Total Receptacle/Socket Quantity 16  Receptacle/Socket Type #1 IEC C13  - Quantity on Rear 12  - Quantity per Breaker 6 - Style Banks of 3  - Voltage per Receptacle/Socket 208V  Receptacle/Socket Type #2 IEC C19  - Quantity on Rear 4  - Quantity on Rear 4  - Quantity on Rear 4  - Ouantity on Rear 4  - Ouantity on Rear 4  - Ouantity per Breaker Pair 2  - Style Individual  - Voltage per Receptacle/Socket 208V  Internal RMS Voltage Sensor Yes Internal RMS Current Sensor Yes Network Connection Dual 10/100/1000Mbps Ethernet  Protocols Supported DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SMMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP Data Access Formats CSV datalog, JSON API, JSON datalog USB Support Yes IP Reset Button Yes Serial Connection RS232 via RJ45	Frequency	50/60Hz
LCD Touchscreen Display / Auto Oriented  Yes  Power Cable Wire Gauge  10/3  Power Cable Length  10ft / 3m  Power Entry Location  Left Rear  Plug Type  NEMA L6-30P Twistlock  Combined Total Receptacle/Socket Quantity  16  Receptacle/Socket Type #1  IEC C13  - Quantity on Rear  12  - Quantity per Breaker  6  - Style  Banks of 3  - Voltage per Receptacle/Socket  208V  Receptacle/Socket Type #2  IEC C19  - Quantity on Rear  4  - Quantity per Breaker Pair  2  - Quantity per Breaker Pair  2  - Style  Individual  - Voltage per Receptacle/Socket  208V  Internal RMS Voltage Sensor  Yes  Internal RMS Current Sensor  Network Connection  Dual 10/100/1000Mbps Ethernet  Protocols Supported  DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SMMP (v/lv2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats  CSV datalog, JSON API, JSON datalog  USB Support  Yes  IP Reset Button  Yes  Serial Connection  RS232 via RJ45	Over Current Protection	(2) 20A Double Pole Magnetic Breakers
Power Cable Wire Gauge 10/3 Power Cable Length 10ft / 3m Power Entry Location Left Rear Plug Type NEMA L6-30P Twistlock Combined Total Receptacle/Socket Quantity 16 Receptacle/Socket Type #1 IEC C13 - Quantity on Rear 12 - Quantity per Breaker 6 - Style Banks of 3 - Voltage per Receptacle/Socket 208V Receptacle/Socket Type #2 IEC C19 - Quantity on Rear 2 - Quantity on Rear 4 - Quantity per Breaker Pair 2 - Style Individual - Voltage per Receptacle/Socket 208V Internal RMS Voltage Sensor Yes Internal RMS Current Sensor Network Connection Dual 10/100/1000Mbps Ethernet Protocols Supported DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SMMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP Data Access Formats CSV datalog, JSON API, JSON datalog USB Support Yes IP Reset Button Yes Serial Connection RS232 via RJ45	Switch	Breaker/Switch Combination
Power Cable Length  10ft / 3m  Power Entry Location  Left Rear  Plug Type  NEMA L6-30P Twistlock  Combined Total Receptacle/Socket Quantity  16  Receptacle/Socket Type #1  IEC C13  - Quantity on Rear  - Quantity per Breaker  6  - Style  Banks of 3  - Voltage per Receptacle/Socket  208V  Receptacle/Socket Type #2  IEC C19  - Quantity on Rear  4  - Quantity per Breaker Pair  2  - Style  Individual  - Voltage per Receptacle/Socket  208V  Internal RMS Voltage Sensor  Yes  Internal RMS Current Sensor  Yes  Network Connection  Dual 10/100/1000Mbps Ethernet  Protocols Supported  DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SMMP (vilv2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats  CSV datalog, JSON API, JSON datalog  USB Support  Yes  Hard Reboot Button  Yes  Serial Connection  RS232 via RJ45	LCD Touchscreen Display / Auto Oriented	Yes
Power Entry Location  Left Rear  Plug Type  NEMA L6-30P Twistlock  Combined Total Receptacle/Socket Quantity  16  Receptacle/Socket Type #1  LEC C13  - Quantity on Rear  12  - Quantity per Breaker  6  - Style  Banks of 3  - Voltage per Receptacle/Socket  208V  Receptacle/Socket Type #2  LEC C19  - Quantity on Rear  4  - Quantity on Rear  2  - Style  Individual  - Voltage per Receptacle/Socket  208V  Internal RMS Voltage Sensor  Yes  Internal RMS Current 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  Serial Connection  RS232 via RJ45	Power Cable Wire Gauge	10/3
Plug Type  NEMA L6-30P Twistlock  Combined Total Receptacle/Socket Quantity  16  Receptacle/Socket Type #1  IEC C13  - Quantity on Rear  12  - Quantity per Breaker  6  - Style  Banks of 3  - Voltage per Receptacle/Socket  208V  Receptacle/Socket Type #2  IEC C19  - Quantity on Rear  4  - Quantity on Rear  4  - Quantity per Breaker Pair  2  - Style  Individual  - Voltage per Receptacle/Socket  208V  Internal RMS Voltage Sensor  Yes  Internal RMS Current 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  Serial Connection  RS232 via RJ45	Power Cable Length	10ft / 3m
Combined Total Receptacle/Socket Quantity  Receptacle/Socket Type #1  IEC C13  - Quantity on Rear  Quantity on Rear  - Style  Banks of 3  - Voltage per Receptacle/Socket  208V  Receptacle/Socket Type #2  IEC C19  - Quantity on Rear  Quantity on Rear  - Quantity on Rear  - Quantity on Rear  - Style  Individual  - Voltage per Receptacle/Socket  208V  Internal RMS Voltage Sensor  Yes  Internal RMS Current Sensor  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  Serial Connection  RS232 via RJ45	Power Entry Location	Left Rear
Receptacle/Socket Type #1  - Quantity on Rear  12  - Quantity per Breaker  6  - Style  Banks of 3  - Voltage per Receptacle/Socket  208V  Receptacle/Socket Type #2  IEC C19  - Quantity on Rear  - Quantity on Rear  - Quantity on Rear  - Style  Individual  - Voltage per Receptacle/Socket  208V  Internal RMS Voltage Sensor  Yes  Internal RMS Current Sensor  Network Connection  Dual 10/100/1000Mbps Ethernet  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  Serial Connection  RS232 via RJ45	Plug Type	NEMA L6-30P Twistlock
- Quantity on Rear 12 - Quantity per Breaker 6 - Style Banks of 3 - Voltage per Receptacle/Socket 208V  Receptacle/Socket Type #2 IEC C19 - Quantity on Rear 4 - Quantity on Rear 2 - Style Individual 2 - Voltage per Receptacle/Socket 208V  Internal RMS Voltage Sensor Yes Internal RMS Current Sensor Yes Internal RMS Current Sensor Yes  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  Serial Connection RS232 via RJ45	Combined Total Receptacle/Socket Quantity	16
- Quantity per Breaker 6 - Style Banks of 3 - Voltage per Receptacle/Socket 208V  Receptacle/Socket Type #2 IEC C19 - Quantity on Rear 4 - Quantity per Breaker Pair 2 - Style Individual - Voltage per Receptacle/Socket 208V  Internal RMS Voltage Sensor Yes Internal RMS Current 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  Serial Connection RS232 via RJ45	Receptacle/Socket Type #1	IEC C13
Banks of 3  - Voltage per Receptacle/Socket 208V  Receptacle/Socket Type #2  - Quantity on Rear  - Quantity on Rear  - Quantity per Breaker Pair  - Style  - Individual  - Voltage per Receptacle/Socket 208V  Internal RMS Voltage Sensor  Yes  Internal RMS Current Sensor  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  Serial Connection  RS232 via RJ45	- Quantity on Rear	12
- Voltage per Receptacle/Socket 208V  Receptacle/Socket Type #2 IEC C19  - Quantity on Rear 4  - Quantity per Breaker Pair 2  - Style Individual  - Voltage per Receptacle/Socket 208V  Internal RMS Voltage Sensor Yes  Internal RMS Current Sensor Yes  Internal RMS Current Sensor 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  Serial Connection RS232 via RJ45	- Quantity per Breaker	6
Receptacle/Socket Type #2  - Quantity on Rear  - Quantity per Breaker Pair  - Style  Individual  - Voltage per Receptacle/Socket  208V  Internal RMS Voltage Sensor  Yes  Internal RMS Current Sensor  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  IP Reset Button  Yes  Serial Connection  RS232 via RJ45	- Style	Banks of 3
- Quantity on Rear - Quantity per Breaker Pair - Style Individual - Voltage per Receptacle/Socket 208V Internal RMS Voltage Sensor Yes Internal RMS Current Sensor 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 IP Reset Button Yes Hard Reboot Button Yes Serial Connection RS232 via RJ45	- Voltage per Receptacle/Socket	208V
- Quantity per Breaker Pair  - Style  Individual  - Voltage per Receptacle/Socket  208V  Internal RMS Voltage Sensor  Yes  Internal RMS Current Sensor  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  IP Reset Button  Yes  Hard Reboot Button  RS232 via RJ45	Receptacle/Socket Type #2	IEC C19
- Style Individual  - Voltage per Receptacle/Socket 208V  Internal RMS Voltage Sensor Yes  Internal RMS Current 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  IP Reset Button Yes  Hard Reboot Button Yes  Serial Connection RS232 via RJ45	- Quantity on Rear	4
- Voltage per Receptacle/Socket  Internal RMS Voltage Sensor  Yes  Internal RMS Current 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  IP Reset Button  Yes  Hard Reboot Button  Yes  Serial Connection  RS232 via RJ45	- Quantity per Breaker Pair	2
Internal RMS Voltage Sensor  Yes  Internal RMS Current 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  IP Reset Button  Yes  Hard Reboot Button  Yes  Serial Connection  RS232 via RJ45	- Style	Individual
Internal RMS Current Sensor  Yes  Network Connection  Dual 10/100/1000Mbps Ethernet  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  IP Reset Button  Yes  Hard Reboot Button  Yes  Serial Connection  RS232 via RJ45	- Voltage per Receptacle/Socket	208V
Network Connection  Dual 10/100/1000Mbps Ethernet  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  IP Reset Button  Yes  Hard Reboot Button  Yes  Serial Connection  RS232 via RJ45	Internal RMS Voltage Sensor	Yes
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  IP Reset Button  Yes  Hard Reboot Button  Yes  Serial Connection  RS232 via RJ45	Internal RMS Current Sensor	Yes
SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  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	Network Connection	Dual 10/100/1000Mbps Ethernet
USB Support Yes  IP Reset Button Yes  Hard Reboot Button Yes  Serial Connection RS232 via RJ45	Protocols Supported	DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP
Hard Reboot Button Yes  Serial Connection Yes  RS232 via RJ45	Data Access Formats	CSV datalog, JSON API, JSON datalog
Hard Reboot Button Yes Serial Connection RS232 via RJ45	USB Support	Yes
Serial Connection RS232 via RJ45	IP Reset Button	Yes
	Hard Reboot Button	Yes
Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)	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
Country of Origin	USA, TAA Compliant and Buy American Act COTS Compliant
Product Warranty	5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
Certification/Agency Approvals	RoHS Compliant
Certification/Agency Approvals	FCC Part 15 Class A Conformance
Certification/Agency Approvals	UL & c-UL Listed 62368-1
Chassis Dimensions (HxWxD)	3.4in x 17in x 9in
Shipped Weight	14lbs (6.35kg)