Model Name:

Elite POMS PDU Adv.

The Elite POMS PDU (Per Outlet Monitor and Switch) delivers advanced remote management for mission-critical environments. With just a few clicks from your smartphone or a web browser, you can instantly address issues by controlling individual outlets—reboot unresponsive devices or power them down without sending a technician onsite. This saves valuable time and reduces operational costs.

Comprehensive Power Monitoring

Administrators can monitor key electrical parameters in real-time, including input voltage (V), current (A), power factor (PF), apparent power (VA), active power (W), and energy consumption (kWh). Each outlet's current draw can be individually tracked and controlled for maximum precision. Configurable overload alerts ensure proactive protection, with instant notifications sent via email or SNMP traps for rapid response and risk mitigation.

Environmental Awareness Built In

The Elite POMS PDU features two environmental sensor ports for monitoring critical conditions such as temperature and humidity. All environmental and power data can be accessed from any standard web browser, with full SNMP compatibility for seamless integration—no external software required.

Centralized Management & Historical Insights

Included software enables centralized control of multiple intelligent PDUs, providing aggregated data on power and environmental conditions. All usage data is stored in a secure database with historical trend charts, helping administrators analyze patterns and optimize efficiency.

Scalable & Efficient Control

Manage up to eight PDUs through a single IP address, simplifying network configurations and reducing administrative overhead. With one intuitive web interface, you can monitor and control an entire cluster of PDUs with ease.

Features:

System Function:

- Built-in embedded system:
 Support 10/100M Ethernet interface, provides webpage and SNMP remote management.
- Local display information:
 OLED can display current, voltage, kWh, IP, temperature and humidity information.
- Multiple protocols: Support ICMP, ARP, IP, TCP, UDP, DHCP, HTTP, HTTPS, FTP, NTP, SNMP v1/2/3, TLS1.3, IPv4 and IPv6, Telnet, SSHv2
- Management Account Certification: Radius certification support.
- Multi-account management: Multi-group account management system. And provide three-tier permission management.
- IP filtering:
 Support IP filtering, improve network security

- Remote firmware upgrade:
 Provides remote firmware upgrade mechanism.
- System operation message:
 Send the normal operation of the message automatically by trap.
- Hardware key definition:
 User-definable button function.
- Temperature unit conversion:
 Temperature units can choose Celsius or
 Fahrenheit
- System configuration restore: Support the output of the system settings, to easily deploy a large amount of the same model of PDU.
- Multilingual Support:
 Support Chinese, English, French, German,
 Spanish, Russian, Czech, Arabian, Persian.

mechanisms.

- Power record: Store up to 100000 power and event data.
- Daisy Chain: Support cascading management.
- **USB Option:** Support external USB network card, support wireless network
- Hot-Swap: the replacement of network module without shutting down the PDU

Power Management:



MONITOR

Remote Monitor

Remote monitoring PDU status by web and SNMP



Remote Control

Remote per outlet on/off by web and SNMP.



Threshold Sensing

User-definable warning and overload threshold value as the basis for alarm.



Mail Notification

Notify specified user by mail and SNMP when outlet action or current over threshold.



Power Sequence

User-definable power on/off sequence



Event Alert

When current exceeds the preset threshold, PDU will beep and LED will flash.



Ping Event Control

When the specified IT device does not respond to PING, the output will perform a preset power action.



Schedule Control

Timed & scheduled on/off/reboot control.



CONTROL

Group Control

Set multiple outlets as a single group while controlling the power output.



PROTECTION

Overload Protection

When overload, circuit breaker will automatically trip to protect the safety of electricity.



Event Reaction

Outlet action via pre-set event, including power, environment event and receiving trap from other device.



Outlet-Level Monitor

Remote per outlet current monitoring.



Environment Measurement

Optional accessory probe to measure temperature and humidity.



KWH MEASUREMENT

kWh Measurement

Total input voltage, frequency, power factor, active power, apparent power and kWh measurement.



Breaker

Circuit Breaker Detection

When breaker is tripped due to the power event, display and notify the manager of breaker status accordingly



Central Management

Free centralized monitoring software, monitoring of a large number of PDU, provide data records and history chart.

Model Number:

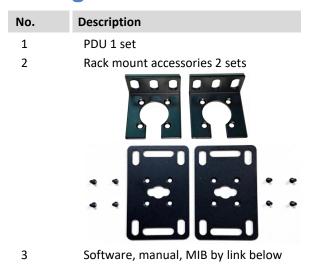
WHL-2011L-16NB



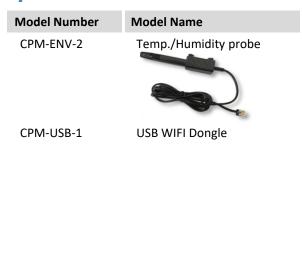
Specification

Output		Input	
Voltage Max. Current Outlet ON/OFF Ind. Threshold Ind. Overload Protection	100-127 VAC 20 A (16) 5-15/20R (16) Green LED (16) Red LED (1) 20A UL1077 breaker	Voltage Frequency Max. Capacity Connection Power Ind.	100-127 VAC 50/60Hz, full range 2540 VA L5-20P, power cord, 3m (1) Red LED
Measurement	(1) ZOA OLIO77 BICAKEI	Other	
Current Voltage Active Power Apparent Power Frequency Power Factor kWh	+/- 1%+/-0.1A @0.2A ~ 32 A +/- 1% +/- 1V @80V~250V +/- 1% +/- 5W @50W~8000W +/- 1% @50VA~8000VA +/- 1% @50~65Hz +/- 1% @0.1~1.0 .001kWh~99999.999kWh, (+/- 1% @50W~8000W) kh=1.0	ENET Connection ENV Connection Function Selection Daisy Chain WIFI Ready Info. Display	(1) RJ45(2) RJ11(1) Button(2) RJ22(1) USBMonochrome OLED
Dimension/Weight		Operation	
Net Size Net Weight Package Size Package Weight	432 x 216 x 44.5 mm 4.4 kg 490 x 390 x 155 mm 5.0 kg	Operation Temp. Operation Humid. Storage Temp. Storage Humid.	0 ~ 50°C 0% ~ 95% RH -20°C ~ 65°C 0% ~ 95% RH
Approval			
Certification Warranty	CE, FCC,ETL (UL62368-1) 2 years		

Package



Optional Accessories



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Line Drawing

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