Model Name:

Elite Switched PDU Adv.

Elite Switched PDU provides remote manual control of the critical devices by clicking on a few buttons on the smart phone or computer webpage. Stop the problem device by cutting off the power to a specific outlet. By cycling the power off and restarting the device remotely, you save time and money by eliminating the need to send technicians to the root cause of the problem.

Managers can monitor the total power usage information of PDU from the remote end through the Internet to fully understand the power consumption of all the devices. Set up overload event alerts and notify managers via Email and TRAP, allowing managers to respond to crises in the shortest possible time to minimize disasters.

The PDU has environmental sensor ports that track climate information: temperature and humidity environment variables. The data is available from any web browser and is SNMP-compliant for easy tracking of critical data without the use of any external software.

Provide central management software, which can manage a large number of PDUs' power, temperature and humidity information. The database stores the power consumption information of the power strip and provides the history curve chart for the manager's reference.

It provides an advanced function which is to manage up to 8 PDUs by a single IP address. It means administrators can monitor and control multiple PDUs through one web interface.

Features:

System Function:

- 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, TLS1.2, 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 mechanisms.
- Power record:
 Store up to 100000 power and event data.
- Daisy Chain: Support cascading management

- Remote firmware upgrade:
 Provides remote firmware upgrade mechanism.
- Heart beat notification:
 Send normal operation 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.
- USB Option: Support external USB network card, support wireless network
- Hot-Swap: the replacement of network module without shutting down the PDU

Power Management:



REMOTE MONITOR

Remote Monitor

Remote monitoring PDU status by web and SNMP



REMOTE CONTROL

Remote Control

Remote per outlet on/off by web and SNMP.



CURRENT MEASUREMENT

Current Measurement

Measure PDU total current consumption.



MAIL NOTIFICATION

Mail Notification

Event Alert

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



Threshold Sensing

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



EVENT

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



Power Sequence

User-definable power on/off sequence time.



Schedule Control

Timed & scheduled on/off/reboot control.



PING EVENT

Ping Event Control

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



OVERLOAD

Overload Protection

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



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Group Control

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



MANAGEMENT

Central Management

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



Event Reaction

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



Environment Measurement

Optional accessory probe to measure temperature and humidity.



KWH MEASUREMENT

kWh Measurement

Voltage, frequency, power factor, active power, apparent power and kWh measurement.



Breaker Detectior

Circuit Breaker Detection

PDU can detect whether breaker is tripped due to the power event. Display and notify the manager of breaker status accordingly

Model Number:

WSL-2011B-16N1

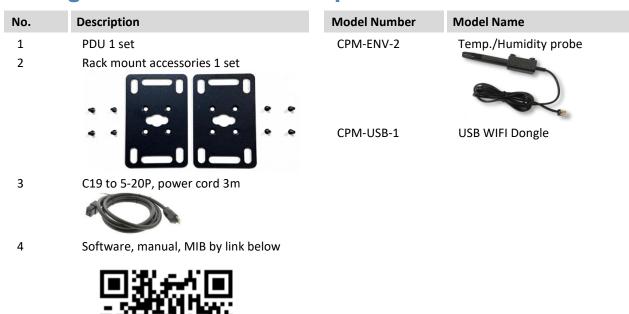


Specification

Output		Input	
Voltage Max. Current Outlet ON/OFF Ind.	100-127 VAC 20 A (16) 5-15/20R (16) Green LED	Voltage Frequency Max. Capacity Connection	100-127 VAC 50/60Hz, full range 2540 VA 5-20P, Detachable Power cord
Overload Protection	(1) 20A UL1077 breaker	Power Ind.	(1) Red LED
Measurement 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	Other ENET Connection ENV Connection Function Selection Daisy Chain WIFI Ready Info. Display	(1) RJ45 (1) RJ11 (1) Button (2) RJ22 (1) USB Monochrome OLED
Dimension/Weight		Operation	
Net Size Net Weight Package Size Package Weight	1245 x 56 x 80 mm 4.2 kg 1360 x 220 x 110 mm 5.2 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 2 years		

Package

Optional Accessories



Line Drawing

