### Model Name: Elite Switched PDU

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.

### **Features:**

#### **System Function:**

- Embedded system: Support 10/100M Ethernet interface, provides webpage and SNMP remote management.
- Local display information: Seven-segments can display current, IP address and temperature and humidity values.
- 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 mechanisms.
- Power record: Store up to 100000 power and event data.

- 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.

#### **Power Management:**



#### **Remote Monitor**

Remote monitoring PDU status by web and SNMP



**Current Measurement** 

Measure PDU total current consumption.

time.



**Threshold Sensing** 

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



**Power Sequence** User-definable power on/off sequence



#### **Ping Event Control**

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



### **Group Control**

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



### **Event Reaction**

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



#### kWh Measurement

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





#### **Remote Control**

Remote per outlet on/off by web and SNMP.



#### Mail Notification

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



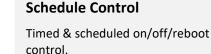
#### **Event Alert**

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











#### **Overload Protection**

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



#### **Central Management**

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



#### **Environment Detection**

Optional accessory probe to detect temperature and humidity.



#### **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:**

WSD-2020Q-08N1



# **Specification**

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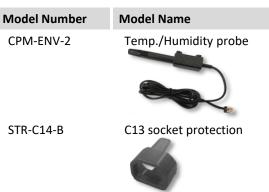
Output		Input	
Voltage Max. Current Outlet ON/OFF Ind. Circuit Ind. Overload Protection	200-240 VAC 20 A (8) C13 (8) Green LED (1) Red LED (1) 20A UL489 breaker	Voltage Frequency Max. Capacity Connection	200-240 VAC 50/60Hz, full range 4800 VA L6-20P, power cord, 3m
Measurement		Other	
Current Voltage 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 DHCP Ind. SSL Ind. Info. Display	(1) RJ45 (2) RJ11 (1) Button (1) Green LED (1) Blue LED 4 digits of 7 Segments
Dimension/Weight		Operation	
Net Size Net Weight Package Size Package Weight	432 x 216 x 44.5 mm 3.4 kg 505 x 210 x 90 mm 3.7 kg	Operation Temp. Operation Humid. Storage Temp. Storage Humid.	0 ~50℃ 0% ~ 90% RH -20℃ ~ 65℃ 0% ~ 90% RH
Approval			
Certification Warranty	CE, FCC,ETL (UL62368-1) 2 years		

### Package

No.	Description		
1	PDU 1 set		
2	Rack mount accessories 1 set		
3	Software, manual, MIB by link below		



### **Optional Accessory**



# **Line Drawing**

