# Model Name: Elite ATS/POM (Automatic Transfer Switch)

Elite ATS is a single phase and dual input rack mountable power distribution unit (PDU). When Input A falls below preset working voltage and Input B is valid, the output is automatically transferred to Input B. The output is transferred back to Input A when Input A is valid. This high speed transfer rate ensures that the transfer is transparent to the sensitive equipment. The two sources are not required to be in phase. This is an effective solution that builds in redundancy and increases the AC power availability of connected equipment. If the dual input power is fed through two independent AC sources, then the system availability is increased and the dual input advantages are fully used.

ATS 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 power usage information of each output port 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.

ATS has two 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:**

- Built-in 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



THRESHOLD

SENSING

#### **Threshold Sensing**

consumption.

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



**Power Sequence** 

User-definable power on/off sequence time.



### 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.



### **Environment Detection**

Optional accessory probe to detect temperature and humidity.



### **Central Management**

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



### Input Selection by Manually Input sources can be switched manually

through the buttons on the panel.







### Mail Notification

Remote Control

SNMP.

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

**Power Redundant Protection** Dual power input. When the main

to standby power in an instant.

power fails, it will automatically switch

Remote per outlet on/off by web and



### Event Alert

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



### Schedule Control

Timed & scheduled on/off/reboot control.



### **Overload Protection**

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



### **Outlet-Level Monitor**

Remote per outlet current monitoring.



### kWh Measurement

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



### **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:

## APD-1623K-08N1

Front view		Back view	Plug
Specificatio	n		
Output		Input	
Voltage Max. Current Outlet ON/OFF Ind. Threshold Ind. Output Status Circuit Ind.	200-240 VAC 16 A (8) C13 (8) Green LED (8) Red LED (2) Green LED (1) Red LED	Voltage Frequency Max. Capacity Connection Input Status	200-240 VAC 50/60Hz, full range 3840 VA (2)C20, Detachable Power cord (2) Green LED
Overload Protection	(1) 16A UL489 breaker		
Measurement		Other	
Current Voltage Active Power Apparent Power Frequency Power Factor kWh	+/-1%+/-0.1A @0.2A ~ 20 A +/- 1% +/- 1V @80V~260V +/- 1% +/- 5W @50W~8000W +/- 1% @50VA~8000VA +/- 1% @50~65Hz +/- 1% @0.1~1.0 .001kWh~99999.999kWh, (+/- 1% @50W~8000W) kh=1.0	Transfer Time ENET Connection ENV Connection Function Selection DHCP Ind. SSL Ind. Info. Display	8~16ms (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 458 x 44.45 mm 8.0 kg 620 x 535 x 160 mm 9.2 kg	Operation Temp. Operation Humid. Storage Temp. Storage Humid.	0 ~ 45℃ 0% ~ 90% RH -20℃ ~ 65℃ 0% ~ 90% RH
Approval			
Certification Warranty	CE 2 years		

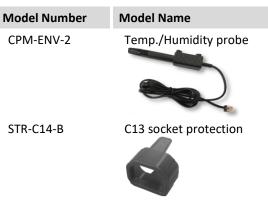
# Package

No	Description		
1	PDU 1 set		
2	Rack mount accessories 1 set		
3	(2) C19 to C20, power cord, 3 m		

4 Software, manual, MIB by link below



# **Optional Accessory**



# **Line Drawing**

