

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 pre-set 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:
OLED displays current, kWh, IP address and temperature and humidity.
 - 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.
 - 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.
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Power Management:



REMOTE MONITOR

Remote Monitor

Remote monitoring PDU status by web and SNMP



POWER REDUNDANT

Power Redundant Protection

Dual power input. When the main power fails, it will automatically switch to standby power in an instant.



CURRENT MEASUREMENT

Current Measurement

Measure PDU total current consumption.



REMOTE CONTROL

Remote Control

Remote per outlet on/off by web and SNMP.



THRESHOLD SENSING

Threshold Sensing

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



MAIL NOTIFICATION

Mail Notification

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



POWER SEQUENCE

Power Sequence

User-definable power on/off sequence time.



EVENT ALERT

Event Alert

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



PING EVENT CONTROL

Ping Event Control

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



SCHEDULE CONTROL

Schedule Control

Timed & scheduled on/off/reboot control.



GROUP CONTROL

Group Control

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



OVERLOAD PROTECTION

Overload Protection

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



EVENT REACTION

Event Reaction

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



PER OUTLET MONITOR

Outlet-Level Monitor

Remote per outlet current monitoring.



ENVIRONMENT DETECTION

Environment Detection

Optional accessory probe to detect temperature and humidity.



KWH MEASUREMENT

kWh Measurement

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



CENTRAL MANAGEMENT

Central Management

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



Breaker Detection

Circuit Breaker Detection

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



Manual Transfer

Input Selection by Manually

Input sources can be switched manually through the buttons on the panel.

Model Number:

APK-1623K-08N1

Front view



Back view



Plug



Specification

Output

| | |
|---------------------|-----------------------|
| Voltage | 200-240 VAC |
| Max. Current | 16 A |
| Outlet | (8) C13 |
| ON/OFF Ind. | (8) Green LED |
| Threshold Ind. | (8) Red LED |
| Output Status | (2) Green LED |
| Circuit Ind. | (1) Red LED |
| Overload Protection | (1) 16A UL489 breaker |

Input

| | |
|---------------|-------------------------------|
| Voltage | 200-240 VAC |
| Frequency | 50/60Hz, full range |
| Max. Capacity | 3840 VA |
| Connection | (2)C20, Detachable Power cord |
| Input Status | (2) Green LED |

Measurement

| | |
|----------------|--|
| Current | +/-1%+/-0.1A @0.2A ~ 20 A |
| Voltage | +/- 1% +/- 1V @80V~260V |
| Active Power | +/- 1% +/- 5W @50W~8000W |
| Apparent Power | +/- 1% @50VA~8000VA |
| Frequency | +/- 1% @50~65Hz |
| Power Factor | +/- 1% @0.1~1.0 |
| kWh | .001kWh~99999.999kWh, (+/- 1% @50W~8000W) kh=1.0 |

Other

| | |
|--------------------|-----------------|
| Transfer Time | 8~16ms |
| ENET Connection | (1) RJ45 |
| ENV Connection | (2) RJ11 |
| Function Selection | (1) Button |
| Daisy Chain | (2) RJ22 |
| WIFI Ready | (1) USB |
| Info. Display | Monochrome OLED |

Dimension/Weight

| | |
|----------------|----------------------|
| Net Size | 432 x 458 x 44.45 mm |
| Net Weight | 8.0 kg |
| Package Size | 620 x 535 x 160 mm |
| Package Weight | 9.2 kg |

Operation

| | |
|------------------|--------------|
| Operation Temp. | 0 ~ 45°C |
| Operation Humid. | 0% ~ 90% RH |
| Storage Temp. | -20°C ~ 65°C |
| Storage Humid. | 0% ~ 90% RH |

Approval

| | |
|---------------|---------|
| Certification | CE |
| Warranty | 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

| Model Number | Model Name |
|--------------|-----------------------|
| CPM-ENV-2 | Temp./Humidity probe |
| STR-C14-B | C13 socket protection |



Line Drawing

