

Model Name:

Cloud ATS (Automatic Transfer Switch)

Cloud ATS is a single phase and dual input rack mountable power distribution unit (PDU). When Input A falls below 168 VAC 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 and rises above 178 VAC. 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.

Cloud 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.

Cloud 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, web site and temperature and humidity values.
- 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:
- 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.

Store up to 5000 power and event data.

Power Management:



REMOTE
MONITOR

Remote Monitor

Remote monitoring PDU status by web and SNMP



CURRENT
MEASUREMENT

Current Measurement

Measure PDU total current consumption.



THRESHOLD
SENSING

Threshold Sensing

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



POWER
SEQUENCE

Power Sequence

User-definable power on/off sequence time.



PING EVENT
CONTROL

Ping Event Control

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



GROUP
CONTROL

Group Control

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



EVENT
REACTION

Event Reaction

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



ENVIRONMENT
DETECTION

Environment Detection

Optional accessory probe to detect temperature and humidity.



CENTRAL
MANAGEMENT

Central Management

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



POWER
REDUNDANT

Power Redundant Protection

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



REMOTE
CONTROL

Remote Control

Remote per outlet on/off by web and SNMP.



MAIL
NOTIFICATION

Mail Notification

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



EVENT
ALERT

Event Alert

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



SCHEDULE
CONTROL

Schedule Control

Timed & scheduled on/off/reboot control.



OVERLOAD
PROTECTION

Overload Protection

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



PER OUTLET
MONITOR

Outlet-Level Monitor

Remote per outlet current monitoring.



KWH
MEASUREMENT

kWh Measurement

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

Model Number:

ATB-3011M-08N2

Front view



Back view



Plug



Specification

Output

Voltage	100-127 VAC
Max. Current	30 A
Outlet	(8) NEMA 5-15/20R

Input

Voltage	100-127 VAC
Frequency	50/60Hz, full range
Max. Capacity	3600 VA
Connection	(2) NEMA L5-30P, power cord, 3m
Overload Protection	(2) 20A circuit breaker (UL489)

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

ENV Connection	(2) RJ11
Transfer Time	8~16ms

Dimension/Weight

Net Size	432 x 458 x 44.45 mm
Net Weight	10.0 kg
Package Size	620 x 535 x 160 mm
Package Weight	11.2 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, FCC
Warranty	2 years

Package

No	Description
1	PDU 1 set
2	Rack mount accessories 1 set
3	Software CD (manual, MIB)

Accessory

Model Number	Model Name
CPM-ENV-2	Temp./Humidity probe

Line Drawing

