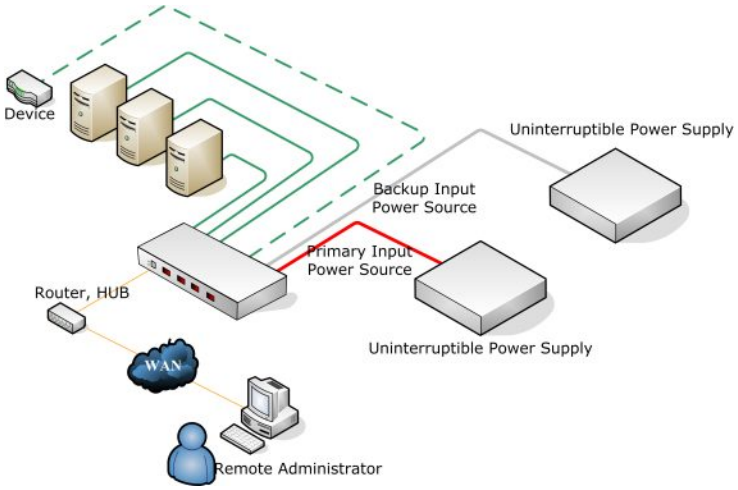
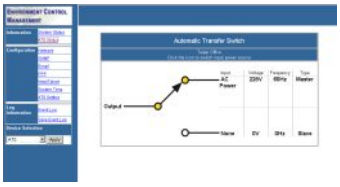
ExiVision

Automatic Transfer Switch fit - ted with IEC309 2P+E plugs and sockets for power ratings up to 16A mps

Diagram

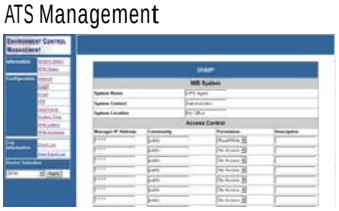


Software Interface

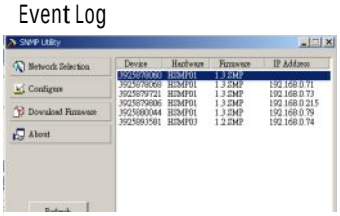


ATS Management

Event Log



SNMP Management



SNMP Utility

EXV-ATS-1623C-01C1 Functionality

Critical Equipment Demands Continuous Power Availability

An EXV Automatic Transfer Switch is designed to support mission-critical network and communications equipment where downtime is not an option —and space is at a premium. Its small package and installation flexibility are ideal for high density applications such as equipment racks and enclosures. It provides reliable, redundant AC power from two alternative sources to critical connected load.

Two Power Sources, One Solution

An EXV ATS is a dual input, rackmountable power distribution unit (PDU) with a built in automatic transfer switch. The Micro SmartSwitch is capable of receiving power from two independent AC power sources and utilizes a built-in automatic AC transfer switch to quickly switch between them. This provides AC power line redundancy to critical computer or communications equipment in a rack environment.

An EXV ATS is designed to be mounted in a "1U" configuration within a rack, allowing it to be used in a wide variety of applications.

Connectivity

This model is fitted with two IEC 309 2P+E blue "Commando" male plug connectors on the input side, one for each of the alternative inputs, and one IEC 309 2P+E blue "Commando" female plug connectoron the output side, for the connected equipment or PDU. The unit is rated at up to 16A, and will ensure that supply "A" or secondary source "B" will provide power to the connected equipment or PDUs provided that at least one of the sources is available. All three plugs and sockets are on 3m (nominal) leads allowing great installation positional flexibility.

Built-in Network Module

The T series ATS also has a built-in network module. It can provide both the power source information and notify an administrator when the power source transfer is triggered.

Power Management Technology

1. Centralized power management for various server platforms and heterogeneous power devices.
2. Ultra flexibility, Console/Manager/Agent three layers of management available.
3. Supports various brands of UPS & battery management.

Features

Meter	True RMS Current Meter, Voltage, Frequency, Power Factor, Active Power, Apparent Power, Total kWh, Sub-total kWh.
Power Monitor	Total Power Monitoring by Meter, Web, SNMP, Free Bundled Software
Protocols	Http, Https, SNMP, DHCP, UDP
Alarm Thresholds	User-Defined Alarm Thresholds for Warning and Overload
Event Alert	Email, Trap, Audible Alarm
Temp./Humidity	Option Accessory
Power Action	Automatic Transfer Switch

Specification

General

Output	(1) IEC 309 2p+e female (blue 16A)
Input	(2) IEC 309 2p+e male (blue 16A)

Communication

SSL Indication	(1) Yellow LED
DHCP Indication	(1) Green LED
Output Status	(2) Green LED
Input Status	(2) Green LED
Network	(1) RJ45 for Ethernet
Temp./Humidity	(1) RJ11 for ENV probe connection
Identification	1 Digits Seven Segments for Identification
Meter	3 Digits Seven Segments

Power Information

Voltage	+/- 2% @ 90V~260V
Active Power	+/- 2% @ 50W~5000W
Apparent Power	+/- 2% @ 50VA~5000VA
Frequency	+/- 2% @ 45~65Hz
Power Factor	+/- 0.02 @ 0.5~1.0
kWh	Range: 0.001kWh ~ 99999.999kWh Precision: +/-2% @ 50W~5000W, kh=1.0
Current	Range: 0A ~ 16A Resolu- tion: 0.1A Precision: +/-2% +/-0.1AMP

Operation

Nominal Voltage	200V ~240V
On-Line Voltage	180V~ 262V
Frequency	50/60Hz
Max. Output Current	16 Amp
Transfer Time	8~16ms
Operation Temp.	0 ~ 40 Celsius degree
Humidity	0% ~ 90%
Size	260 x 432 x 44.45 mm
Net Weight	5 kg
Regulatory Approvals	CE, EN 55022 Class A, EN 55024,EN 61000-3-2,EN 61000-3-3 FCC Part 15 Class A, ICES-003