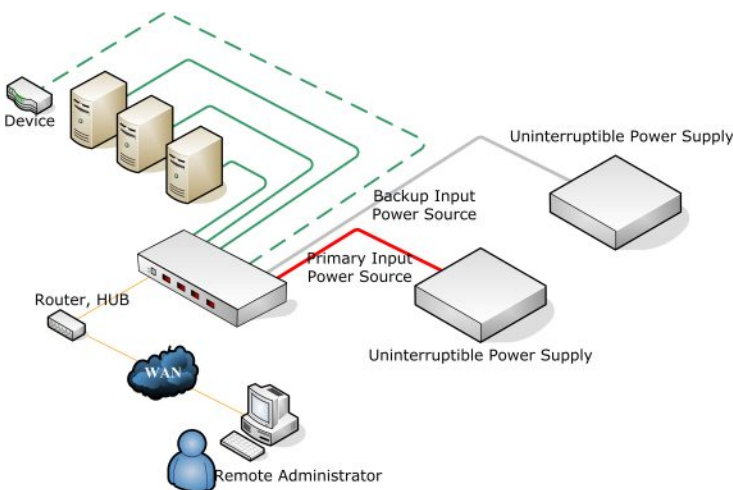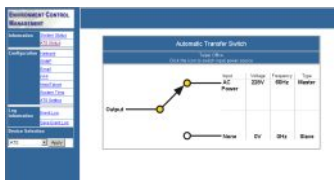# ΞχἰVisioN

Automatic Transfer Switch with
terminal block connections
for all power ratings
from 3A -16A

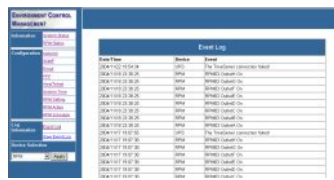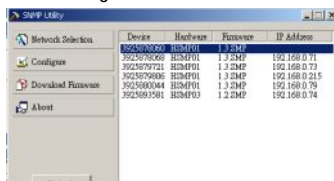### Diagram

Software Interface

ATS Management

Event Log

SNMP Management

SNMP Utility

EXV-ATS-1623T-01T1 Functionality

Critical Equipment Demands Continuous Power Availability

An EXV Automatic Transfer Switch is designed t o s u p p o r t m i s s i o n - c r i t i c a l n e t w o r k a n d communic-ations 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, re-dundant AC power **from two alternative sources** to critical connected load.

Two Power Sources, One Solution

An **EXV** ATS is a dual input, rackmountable power distri-bution 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 envir-onment.

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

Complete connectivity options

The EXV "T" (Terminal Block) ATS provides two terminal block connectors on the input side, one for each of the al-ternative inputs, and one on the output side, for the con-nected equipment or PDU. The unit is rated at up to 16A, so is ideal for use where available power is determined by existing infrastructure. For instance, IEC C13/C14 can be used for 10A applications, C19/C20 for 16A, UK three pin for 13A, the possibilities are endless. LED indicators on the front panel indicate whether utility power is being supplied by the primary source phase "A" or secondary source "B".

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) Terminal Block
Input	(2) Terminal Block

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 ~ 316A Resolution: 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