

AETES

NETWORK RACK ATS 16A / 32A

*Individual Power Reboot
ATS and 8 port PDU in-one
Rackmount 1U Compact Design*



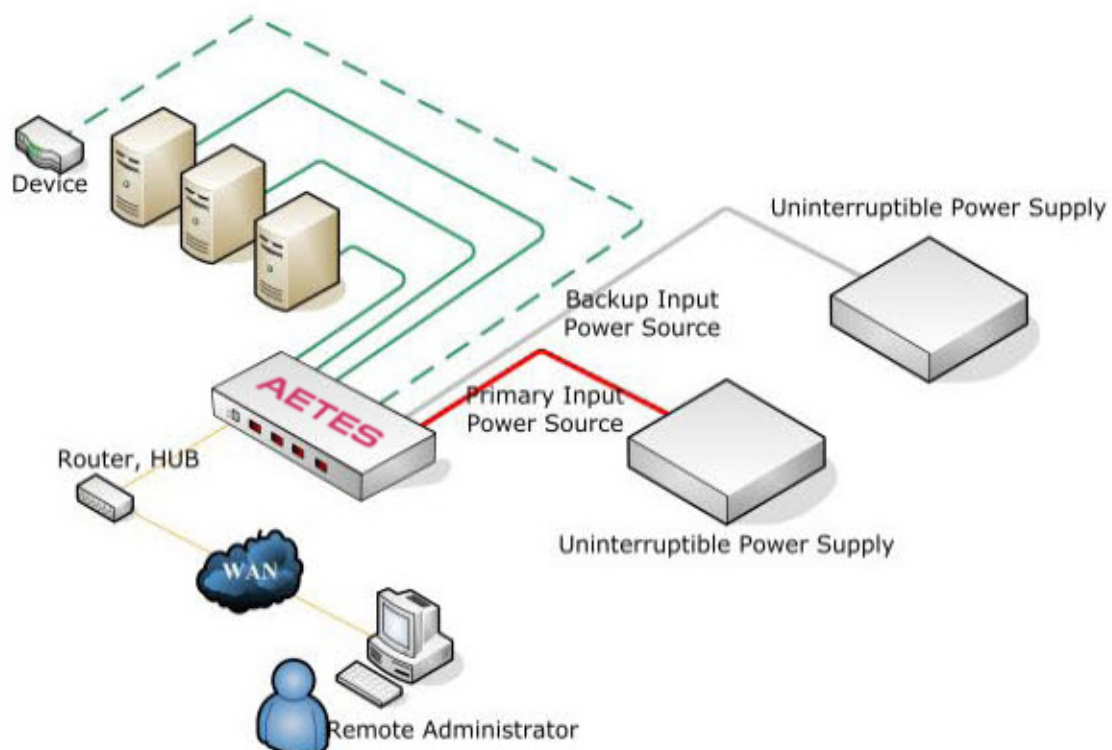
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DESCRIPTION

AETES Network Rack ATS is a single phase and dual input rack mountable power distribution unit. 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 speedy 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.

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.

APPLICATION



FEATURES

Advanced Network & Remote Management

- **Comprehensive Connectivity:** Supports 10/100M Ethernet interface with a wide range of protocols including HTTPS, SNMP v1/2/3, TLS1.3, SSHv2, and IPv4/IPv6.
- **Real-Time Monitoring:** Track PDU status, total current, voltage, kWh, and environmental data (temperature/humidity) via web browser or SNMP.
- **Centralized Control:** Includes free management software for real-time monitoring of multiple PDUs with historical trend charts.
- **Smart Security:** Features a multi-group account system with three-tier permission management and IP filtering.

Intelligent Power Control

- **Redundant Power Protection:** Dual input design with an instantaneous automatic transfer time of 8~16ms to ensure equipment transparency.
- **Outlet-Level Management:** Remote per-outlet ON/OFF control with user-definable power sequencing and scheduled reboot capabilities.
- **Automated Response:** Preset power actions (such as rebooting) are triggered if the specified IT device fails to respond to PING.
- **Group & Event Control:** Set multiple outlets as a single group and trigger actions based on preset power or environmental events.

Safety & Alert Systems

- **Advanced Threshold Sensing:** User-definable warning and overload thresholds serve as the basis for alarms.
- **Multifold Notifications:** Notifies users via Email, SNMP traps, local beeper, and flashing LEDs when thresholds are exceeded.
- **Reliable Protection:** Integrated circuit breaker with automatic trip on overload and real-time detection of breaker status.

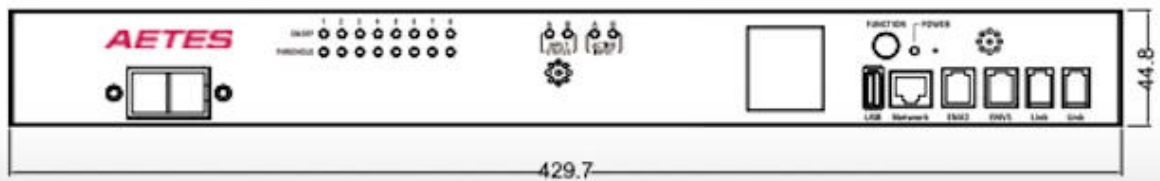
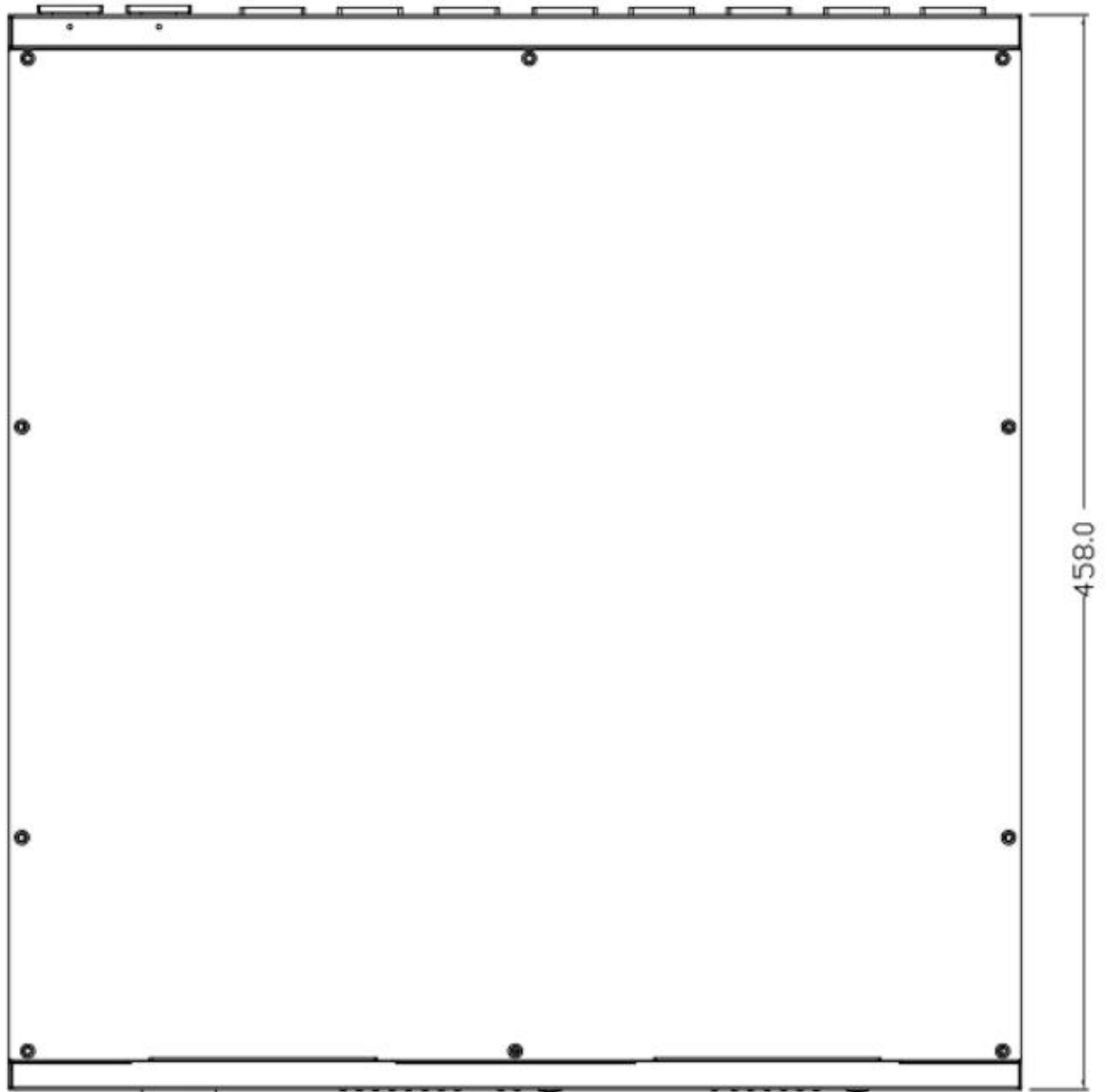
Operational Efficiency

- **Intuitive Interface:** High-definition monochrome OLED displays current, voltage, kWh, IP address, and environmental data.
- **Mass Deployment:** Supports exporting system settings to easily replicate configurations across multiple PDU units.
- **Data Logging:** Internal memory stores up to 100,000 power and event data points.
- **Global Readiness:** Multilingual support for 8 languages and a user-definable hardware button for quick functions.

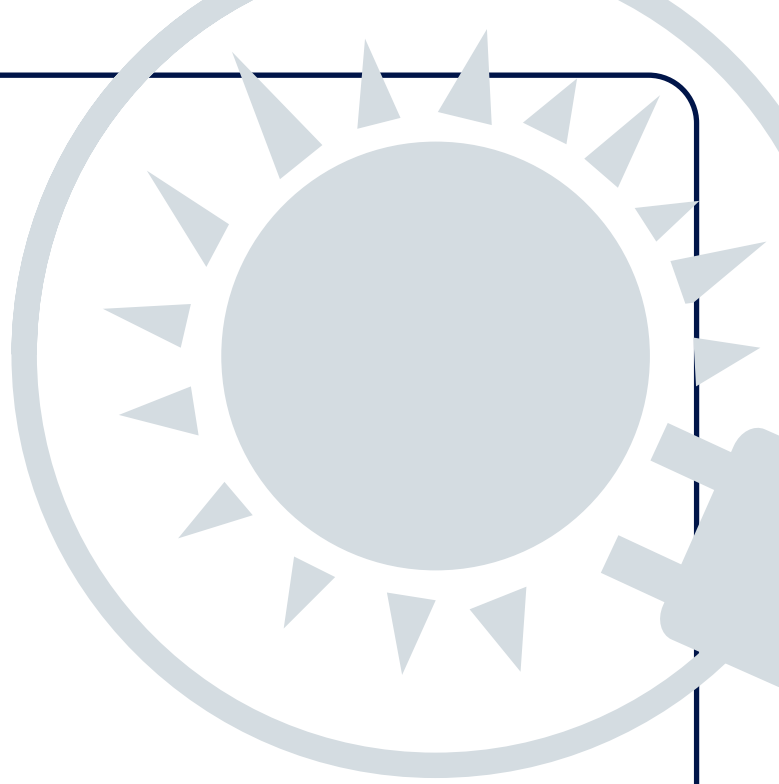
TECHNICAL SPECIFICATION

MODELS	ATS-NET-1P2-16A	ATS-NET-1P2-32A
INPUT		
Nominal Voltage	200V/ 220V/ 230V/ 240V AC	
Nominal Frequency	50 or 60 Hz	
Maximum Input Current	16 AMP	32 AMP
Power Inlet Connection	(2) IEC 60320-C20 Socket	(2) IEC 60309-32A Power Cord (3m)
Transfer Time	8~16ms	
OUTPUT		
Outlet Types	(8) IEC 60320-C13 Socket	(8) IEC 60320-C13 Socket
Overload Protection	(1) Circuit Breaker 16Amp	(2) Circuit Breaker 16Amp
Outlets On/Off Indicators	(8) Led	(8) Led
Outlets Threshold Indicators	(8) Led	(8) Led
Output Status Indicators	(2) Led	(2) Led
MEASUREMENT		
Information Display	Monochrome OLED	
Current	+/- 1% +/- 0.1A @0.2A~40A	
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	
Power Consumption	+/-1% 1Wh~100000kWh	
COMMUNICATION		
Connectivity Ports	RJ45 for ENET, (2) RJ11 for ENV, (2) RJ22 for Daisy Chain, USB for WIFI Ready	
Supported Protocols	ICMP, ARP, TCP/IP, UDP, DHCP, HTTPS, FTP, NTP SNMP v1/2/3, TLS1.3, IPv4/IPv6, Telnet, SSHv2	
Remote Management Software	Yes	
ENVIRONMENTAL		
Operating Temperature	0°C ~ +45°C	
Operating Humidity	0%~90% RH (Non-Condensing)	
Protection Level	IP20	
PHYSICAL		
Colour	Black RAL 9005	
Dimensions	W:19" D:460 mm H:1RU	W:19" D:460 mm H:1RU
Net Weight	8.1 KG	9.3 KG
MOQ / Package	2 Unit / Plywood Crate 650x550x450 mm 25kg	2 Unit / Plywood Crate 650x550x450 mm 27kg
Included Accessory	Rack Bracets, Input Power Cords (C19-C20 3m)	Rack Bracets
Optional Accessory	Temperature & Humidity Probe, Outlet Socket Protect	
COMPATIBILITY		
Immunity Compatibility	EN55035 / EN61000-4-2, -3, -4, -5, -6, -8, -11	
EMC Compatibility	EN55032 Class A / EN61000-3-11, 12	
Warranty	2 Years	

DRAWING



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