



Automatic Transfer Switch

ATS-216 & ATS-230

PRODUCT DESCRIPTION

The rackmount automatic transfer switch (ATS) is designed to provide reliable redundant power. It has dual input cords, and will automatically transfer loads to the secondary source if the primary becomes unavailable.

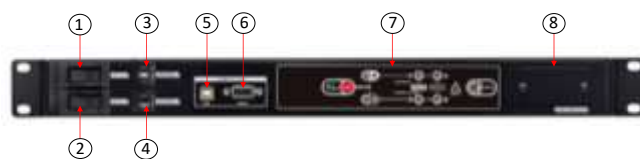
The ATS has built-in network connectivity for both local and remote management.

KEY FEATURES

- **Automatic Switching**
Provides seamless power transfer to secondary source when the primary source fails
- **Out of Phase Switching Capabilities**
- **Selectable Preferred Source**
- **Continuous Source Monitoring**
- **LED indicators for Control and Monitoring**
Easy monitoring and management of operating parameters
- **Compact 19"/1U rackmount unit**
- **Fast Switching Time**
Typical 9-12ms, Maximum 16ms
- **Effective Solution for Maintenance Bypass Needs**
- **Available in both 16A and 30A models**

APPLICATIONS

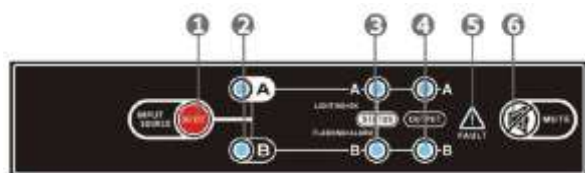
- IDC (Internet Data Centre)
- Telecom Applications
- Aviation Control System
- Healthcare Equipment
- Process Control
- Transportation Facilities



1. Power switch for input source A
2. Power switch for input source B
3. Circuit breaker for output 1
4. Circuit breaker for output 2
5. USB communication port
6. RS-232 communication port
7. Communication slot
8. Operation indicators

TECHNICAL SPECIFICATIONS

MODEL	ATS-216		ATS-230	
AC INPUT				
Input Voltage	220/230/240Vac			
Acceptable Input Voltage	185Vac to 258Vac			
Input Frequency	50Hz/60Hz			
Maximum Input Current	16A		30A	
AC OUTPUT				
Output Voltage	220/230/240Vac			
Maximum Output Current	16A		30A	
Transfer Time	9-12ms (sensitivity adjustable), 16ms maximum			
Efficiency	99% (full linear load)			
PROTECTION				
Input	Power Switch			
Output	Circuit Breaker			
INTERFACE				
Communication	Standard: RS-232, USB, Dry contact			
	Optional: SNMP, RS-485 (using external slot)			
Display	LED			
OPERATING ENVIRONMENT				
Humidity	0-95% RH (non-condensing)			
Operating Temperature	-5°C to 45°C			
PHYSICAL				
Inlet (Connection Type)	2 x IEC-C20		2 x 30A Plug Connectors	
Output (Connection Type)	8 x IEC-C13		4 x IEC-C13	
	1 x IEC-C19		1 x IEC-C19	
Unit Dimensions WxDxH (mm)	483x330x44		483x330x44	
Unit Net Weight (kg)	4.0		4.5	
DESIGN STANDARDS				
Safety	IEC 60950-1			
EMC	EN 55022 + EN 55024			



- 1 – Source preference selector
- 2 – Priority setting LEDs
- 3 – Power source status LED
- 4 – Output source LEDs
- 5 – Fault indicator
- 6 – Alarm mute button



- 1 – Contact port
- 2 – Output receptacles "Output 1" (IEC 10A)
- 3 – Output receptacles "Output 2" (IEC 10A)
- 4 – Output receptacles "Output 3" (IEC 16A)
- 5 – Input source A connector
- 6 – Input source B connector



- 1 – Output port
- 2 – Input source A connector
- 3 – Input source B connector
- 4 – Output connector "Output 1" (Plug Connector)
- 5 – Output receptacles "Output 2" (IEC 16A)
- 6 – Output receptacles "Output 3" (IEC 10A)