

## Automatic Transfer Switch

MODEL:	<b>ATS-16</b>
No.OF INPUTS:	<b>2 x IEC 320-C20 (16A)</b>
No.OF PHASES:	<b>1:1</b>
Software:	<b>Winpower</b>



### ■ APPLICATIONS

- Servers
- Laboratory equipment
- Workstations
- Security systems
- Building infrastructure equipment
- 19" Rack cabinets

### ■ SPECIFICATION

Automatic Transfer Switch (ATS-16) reconnects electric power source from its primary source to standby source. Effectively it gives maximum assurance of protection and uninterruptible supply of power to the loads.

ATS-16 allows for simultaneous connection of two independent power sources. For example UPS1 & UPS2; GRID – UPS; GRID1 – GRID2. Lack of utility power results in automatic switch of loads to redundant power source. In result connected loads can work without disruption even if there is power breakdown or one of the inputs to ATS-16 has got unstable parameters.

ATS-16 gives possibility to connect one phase loads of maximum current of 16A. It gives total output power of 3.6kVA.

Transfer switch can be fully monitored through dedicated software and through DryContact to use in BMS systems.

ATS-16 is perfect solution for ensuring higher reliability of power supply in the most critical applications.

**Efficiency 16A** you can secure wide range of loads with total output of 3.6kVA

**Automatic transfer switch** gives you seaming less transfer between two power sources in critical moments.

**Automatic detection of AC** allows for full real-time control of power source parameters for immediate switch of power supply.

**Immediate automatic comeback** to selected power source supply – every power line is available at any moment, when main source is on and meets the required quality parameters ATS switches to it.

**Automatic current detection** on output side prevents against overloads.

**Intuitive graphic interface** – 7 LED indicators give clear immediate information on power sources and current power source.

**Possibility to control input voltage** tolerance allows for stable power parameters of critical loads.

**RS-232 and DryContact** full communication options that give you possibility to remotely get information about the system.

**Dedicated communication software** real time monitoring and controlling of device.

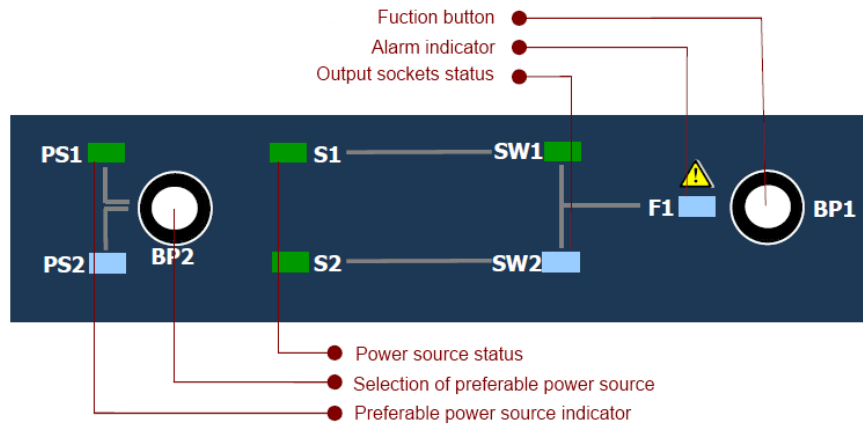
**Protection against overload and overheating** the best load protection against power disruptions.

**REPO connection** allows you to disconnect device in case of natural disaster.

**Voltage Distribution Panel** has got 7 sockets. 6 pcs of IECC320-C13 – 10A current and 1 socket – IEC320-C19 – 16A current. Both types have got overload protection.

**Small dimensions (1U)** and possibility of mounting in 19" rack case.

## ATS16



Model	ATS-16
Number of phases in:out	1 : 1
<b>Input</b>	
Voltage	220 / 230 / 240 VAC
Current	16 A
Voltage range	160 VAC – 290 VAC
Frequency	50/60 Hz
Input sockets	2 x IEC320-C20 (2 x 16A)
<b>Output</b>	
Voltage	Same as input
Frequency	Same as input
Current	16 A
Transfer time	< 10 ms
Output sockets	IEC320-C13 x 6 pcs (10A) IEC320-C19 x 1 pc (16A)
Overload capacity	105-125% - 45 sec. 126-150% - 27 sec. 151-210% - 5 sec. 211-300% - 2 sec.
Short circuit protection	fuse
<b>Weight and Dimensions</b>	
Dimensions of UPS (WxHxD)	430 x 44 (1U) x 315 mm
Weight: UPS (without batteries)	8 kg
<b>Communications</b>	
Operation mode indicators	LED Panel, sound alarm
Communication	RS-232, REPO, Dry Contact
<b>Environmental</b>	
Noise Level depending the load and temp.	< 25 dB (A)
Operating temperature for UPS	0 °C ÷ 40 °C
Storage temperature	- 25 °C ÷ 75 °C
Protection level	IP30
Humidity	0 ÷ 95 % (non condensing)
<b>Certifications</b>	
Standards	CE; IEC 60950-1; IEC62310-2, C1 ; IEC61000-4-2 level 3; IEC61000-4-3 level 2 (Lab.); IEC61000-4-4 level 2; IEC61000-4-5 level 3; IEC61000-2-2 LF Immunity; IEC61000-4-6 level 2(Lab.); IEC61000-3-2 Harmonic (Lab.), IEC61000-3-3 Flicks.

Official Distributor:

