



**Auto-transfer** between  
Primary and Secondary Sources



**19" Rack Design (1U)** suitable to  
mount on a standard 19" Rack

**Powered by two separate  
independent power source**

**Built-in USB and RS-232  
Communications**

**Provide seamless power  
transfer for IT equipment**

PowerHub ATS series is designed to guarantee the uninterrupted operation of sensitive equipment. It is powered by two independent power sources and automatically makes a rapid switch from one source to the other when the power supply used to power its connected load fails. This ATS is designed to be efficient and reliable.

## FEATURES

### Source Transfer system for single-connected equipment

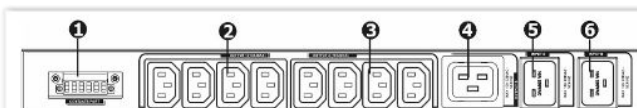
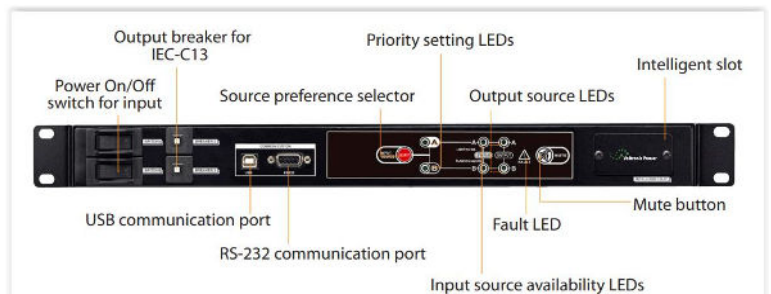
With PowerHub ATS, power from two independent sources can be supplied to Data Centre servers and their related devices even when the devices only have one input power supply.

### Redundancy

While the majority of network devices and entry-level servers only have one electrical power input, PowerHub ATS can be used to provide seamless power transfer. In other words, the ATS controls the redundancy of this electrical power supply. Both the primary and secondary sources are connected to the ATS at the system's rear. If the primary source fails, the transfer to the secondary source is automatic and seamless.

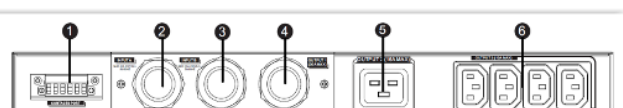
### Reliability

Designed to provide redundancy, the PowerHub ATS deploys a technology based on relays and SCR. In the event of a short-circuit, PowerHub ATS ensures that the fault will not affect the alternative source, so that power continues to be supplied to the fault-free equipment. Adopting a break before made topology, power is transferred without the overlapping of the power sources.



- ① Contact port (please refer to Section 7 for more details)
- ② Output receptacles "Output 1" (IEC-C13, 10A)
- ③ Output receptacles "Output 2" (IEC-C13, 10A)
- ④ Output receptacle "Output 3" (IEC-C19, 16A)
- ⑤ Input Source A connector (IEC-C20)
- ⑥ Input Source B connector (IEC-C20)

**ATS 16-SSV**



- ① Contact port (please refer to Section 7 for more details)
- ② Input Source A connector (Terminal Block)
- ③ Input Source B connector (Terminal Block)
- ④ Output connector "Output 1" (Terminal Block)
- ⑤ Output receptacles "Output 2" (IEC-C19, 16A)
- ⑥ Output receptacles "Output 3" (IEC-C13, 10A)

**ATS 30-SSV**

## TECHNICAL SPECIFICATIONS – PowerHub ATS Series

Model	ATS 16-SSV		ATS 30-SSV	
General				
Nominal Input Voltage	220/230/240 VAC, Single Phase			
Maximum Input Current	16A		30A	
Input Receptacles	2 x IEC-C20 inlets		2 x Hardwired Terminal Blocks	
Output Voltage	220/230/240 VAC			
Output Receptacles	8 x IEC-C13 (10A) 1 x IEC-C19 (16A)		4 x IEC-C13 (10A) 1 x IEC-C19 (16A) 1 x Hardwired Terminal Block (30A)	
Frequency	50/60Hz			
LED Indicator	2 x LED for Input Power Status (A/B) 2 x LED for Output Power Status (A/B) 2 x LED for Preferred Power Source (A/B)			
Function				
Auto-transferred Switch	A: Primary Power Source, B: Secondary Power Source Primary (A) & Secondary (B) Power Sources are available. A is set as default mains. If A becomes unstable or failed, it will automatically switched over to B until A is restored and stable			
Preference Button	(1) Press the select button once, ATS switches to B as Primary Power Source; (2) Press the select Button again and ATS will switch back to A again as Primary Power Source			
Transfer Time	9-12ms (Typical), 16ms max			
Communication Hardware and Software				
USB/RS-232	Yes (Built in RS232/USB) with software			
Dry Relay Contact	Yes			
SNMP / Modbus (TCP)	Yes (Optional)			
Fault Notification	Yes			
Physical				
Operating Temperature Range	-5°C - 45°C			
Storage Temperature Range	-5°C - 45°C			
Relative Humidity (RH)	0-95% RH (non-condensing)			
Operating Elevation	<3000m (9873ft)			
Housing Material	Metal Aluminum Alloy, Black			
Unit Dimension (mm) W x D x H	330 X 483 X 44 (1U)			
Unit Weight (Kg)	5.0			

\* Specifications are subject to change without prior notice

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 Power solutions for all