

Eaton STS 16 & ATS 30



Eaton STS

Power Source Transfer Switch

Seamless power transfer

Eaton STS 16 (Source Transfer Switch) and ATS 30 (Automatic Transfer Switch) are designed to provide power supply redundancy for single connection equipment. With STS and ATS, power from two independent sources can be supplied to the IT equipment, which have only one input power supply.

Redundancy

Only advanced servers are equipped with a dual electrical power supply. The majority of network devices and entry-level servers have a single connection with only one electrical power input. With Eaton STS & ATS, critical equipment can be connected to a redundant power supply.

Both sources (primary and secondary) are connected in a straightforward manner to the STS/ATS in the base of the rack. Eaton STS/ATS then controls the redundancy of this electrical power supply. If the primary source fails, transfer to the secondary source is automatic and instantaneous.

Simple and cost-effective

Considering the advanced design of Eaton STS & ATS, these are highly competitive in price compared with the 'dual power supply' options available from suppliers of networking equipment.

1U high, the unit can be installed easily within the rack. LEDs indicate the status of the sources and the Eaton STS/ATS.

Network connectivity

The ATS 30 provides network connectivity as standard. This allows users to access, configure and manage units from remote locations.



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Eaton STS 16 & ATS 30

- 1 User interface
- Source selection
- Source status
- STS status



STS 16, front view

- 1 User interface
- Source selection
- Source status
- STS status

- 2 Hardwired inputs and output
3 Network connection and web interface



ATS 30

- 2 Input Circuit breakers
3 Input connections
(2 x IEC C20)
4 Outputs
(6 x IEC C13
+ 1 x IEC C19)



STS 16, rear view

TECHNICAL SPECIFICATIONS	STS 16	ATS 30
Nominal current	16 A	30 A*
Input/output		
Nominal voltage	208/220/230/240 V	220/230/240 V
Input frequency	50/60 Hz	50/60 Hz
Output protection	2 circuit breakers (1 per IEC 10 A group)	-
Performance		
Typical transfer time	8 ms	8 ms
Safety	IEC/EN 60950-1	IEC/EN 60950-1
EMC	IEC/EN 62310-2	IEC/EN 62310-2
Marking	CE, UL	CE
Connection		
Inputs	2 connecting cables with IEC C20 connector (16 A male connector)	Hardwired
Outputs	2 sets of 3 IEC C13 connectors - 1 set of 1 IEC C19 connector	Hardwired
Dimensions and weight		
Dimensions H x W x D	43 x 430 x 250 mm	43 x 440 x 390 mm
Weight	6 kg	5 kg
Customer Service & Support		
Warranty	2 years	2 years
Communication and user interface		
User interface	Displays the various status of the sources including Eaton STS/ATS	
Network communication	No	Yes

* 30A up to 35°C, 25.6A up to 40°C.

Part Numbers	STS 16	ATS 30
STS/ATS	66028	EATS30N

In the interests of continuous product improvement all specifications are subject to change without notice.