

Delta InfraSuite Power Management

Static Transfer Switch

Highly reliable power redundancy for mission critical IT equipment

The Static Transfer Switch (STS) safeguards the uninterrupted operation of mission critical IT equipment. Powered by two independent power sources, the STS rapidly switches from one source to the other automatically when the power supply used to power its connected load fails. For datacenter applications the STS allows power drop risk to be shared or distributed to each rack to prevent power loss for the whole system. The STS offers an efficient and reliable switch that supports the high redundancy requirements of mission critical power systems.

Availability

- Adopts SCR with a relay in parallel as a switching device to increase reliability without sacrificing efficiency.
- Supports power redundant configurations for high reliability
- Monitors the health of the power source and performs the transfer automatically
- Short transfer time (6~12ms)

Convenience

- Rack-mounted type with 1U size for easy installation and relocation
- Built-in SNMP for remote management
- LED indicators show power flow
- Self-test function

Safety

- Break before make prevents short circuits between two sources



▲ Supports power redundant configurations for high reliability

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Technical Specifications

Model	STS16002SR	STS30002SR
Rated Current	16A	30A*
Regulatory	CE / UL	CE
Nominal Voltage	200/208/220/230/240 Vac	200/208/220/230/240 Vac
Display	LED	LED
Connection	Input : C20 * 2 pcs Output : C13 * 4 + C19 * 1 pcs	Input : IEC309 / Hardwired Output : IEC309 / Hardwired
Communication	SNMP	SNMP
Operating temperature	0~40℃	0~40℃
Storage temperature	-15~50℃	-15~50℃
Humidity	0%~95% RH (non-condensing)	0%~95% RH (non-condensing)
Audible Noise (at one meter)	<40dB	<40dB
Physical Dimensions (H x W x D)	43mm x 440mm x 385mm	43mm x 440mm x 385mm / 43mm x 440mm x 390mm
Weight	4.85 Kg	7.6 Kg / 6.2 Kg

* Under the condition of 35 °C; if the environment temperature is 36-40 °C, the product should be de-rated to 25.6A.
All specifications are subject to change without prior notice.

STS 16A

Front



Rear



STS 30A

Front



Rear



2007~ 2008 Forbes
Asia's Fabulous 50



2009 Frost & Sullivan
Green Excellence Award for
Corporate Leadership



Delta's Manufacturing
System is Certified by
ISO 9001 and ISO 14001
Standards



IECQ Certificate of
Hazardous Substance
Process Management

