

Static Transfer Switch

STS 200/400/600/800 A

Power Non-Stop, Success's Top Spot

Elevate your power management with Delta STS — crafted for unrivalled reliability and true redundancy with automatic transfer between power sources. Enjoy seamless maintenance and effortlessly monitor and control with Modbus and SNMP integration. Comprehensive diagnostics with extensive event logging ensures your business continues to thrive!



Superior Reliability

- Redundant auxiliary power, control board, fan and optional output switch prevent single points of failure
- Layered security and intelligent switch interlock design prevents improper operation

Easy Management

- 10" color display with touchscreen graphical interface
- Analyzes power source and load data with pre-/post-event data capture. Supports 5000+ event log and waveform records for detailed analysis
- Features Modbus and inbuilt SNMP card for remote monitoring and control
- Provides email notifications for user-defined events
- Time-stamped history and event logs

Simple Maintenance

- IR scan window for easy thermal measurement
- Hot-swappable auxiliary power and control board for low MTTR
- Fully front access and compartmentalized electrical components ensure easy and safe access

Technical Specifications

Model	STS-200A	STS-400A	STS-600A	STS-800A
INPUT				
Nominal Voltage	480 Vac, 3P3W+PE			
Voltage Range	432-528 Vac			
Frequency Range	45-65 Hz			
Source Voltage Distortion	Up to 10% THD			
OUTPUT				
Nominal Voltage	480 Vac			
Frequency	50/60 ± 0.5 Hz			
Transfer Time	< 4 ms			
Overload Capability	101-125%: 30 mins, 126-150%: 2 mins, 151-500%: 0.25 secs			
Short Circuit Withstand Current	65 kA			
Current Crest Ratio	3.5:1			
EFFICIENCY				
Online Mode	> 99%			
COMMUNICATION INTERFACE				
Display	10-inch color LCD touchscreen			
Port	USB port x1, RS-485 port x1, Ethernet port x1, Input dry contact x4, Output dry contact x4			
Protocol	SNMP, Modbus TCP, HTTP, HTTPS			
PHYSICAL				
Dimensions (W x D x H)	610 x 760 x 2000 mm	965 x 815 x 2000 mm	965 x 815 x 2100 mm	1400 x 900 x 2000 mm
Net Weight	365 kg	530 kg	630 kg	900 kg
ENVIRONMENT				
Operating Temperature	0 to 40°C			
Humidity	0-95% (non-condensing)			
Altitude	0-1200 m			
Storage Temperature	-40 to 80°C			
Ingress Protection Level	IP20			
CONFORMANCE				
Safety	UL 1008S			
Surge Protection	ANSI C62.41 Cat A, B			
Sustainability	RoHS, REACH			

All specifications are subject to change without prior notice.



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