Source Transfer Switch 1400

Power redundancy and high-availability for your critical equipment

Advanced Features

- Provides redundant power source for any equipment
- High-reliability solution: **Pulsar STS** includes both redundant relays and power circuit
- Operates with any UPS or power source that has a sinewave output
- Protection up to 1400 VA
- 1U Rack space

The Pulsar STS handles the automatic or manual transfer of your power loads between two independent sources designated as preferred or alternate. In the event of a failure, transfer is automatic and instantaneous.

Reliability and fault tolerance

With the Pulsar STS, you get more than just power source redundancy. With separate electronic control circuits for the preferred and alternate sources and with 2 relays, the Pulsar STS has added internal redundancy as well. That way, it continues to power your equipment even in the event of a fault.

Automatic bypass function

Pulsar STS can be used as an automatic bypass for the UPS.

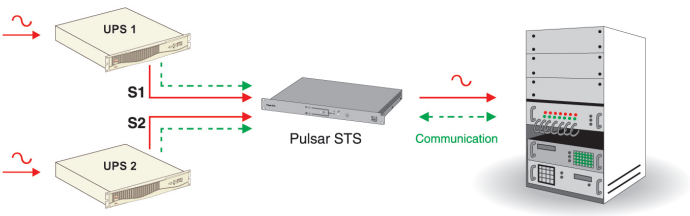
Hot swap function

Pulsar STS lets you service manually one of the sources without interrupting the flow of power to your applications.

Communications

Pulsar STS 1400 includes multiple communication options:

- **"STS COM" communication port**
  Contact closure status signals for the STS COM port includes: Source S1 preferred, source S2 preferred, source S1 within tolerances, source S2 within tolerances, no fault STS and a common signal reference point.
- **"META UPS COM" communication port**
  This port allows you to connect directly to AS/400, Windows NT/2000, Unix, Linux, Netware or any Operating Systems that has a built-in UPS service. Communication with the redundant UPSs use the industry standard AS/400 contact closures for indication status and fault conditions.
- **Software communication options**
  Via the Protocol Interface (part # 66052), you can use Solution-Pac Wan or Personal Solution-Pac on your computer.



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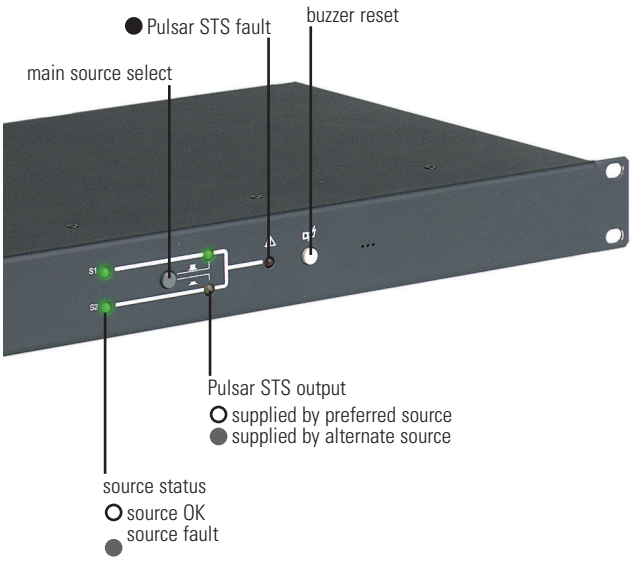
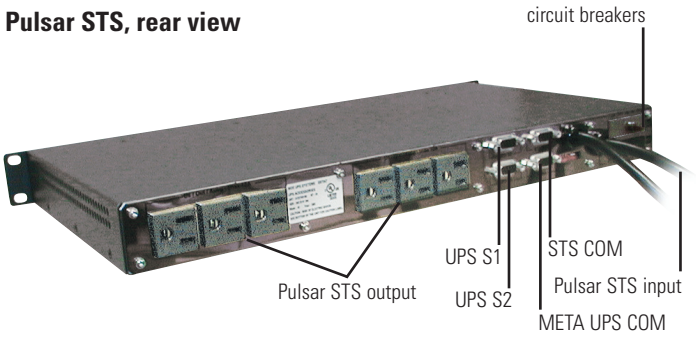
User interface and connections

Pulsar STS, front view



Pulsar STS, rear view



Technical specifications

PART NUMBER	66027
INPUT	
Voltage	120V
Frequency	50/60hz
Plugs	2 * Nema 5-15, 6 ft cords
2 Circuit breakers	12 amps each
OUTPUT	
Voltage	120V
Frequency	50/60hz
Receptacles	6 * Nema 5-15R
Circuit breakers	12 amps total
TRANSFER TIME	
By source selector switch	4 ms
By automatic switch	7 ms
NO POINT OF FAILURE	
Relay	2 redundant relays
Circuit path	2 redundant power paths
Circuit breaker	on Input & Output
COMMUNICATION	
	UPS#1 port / UPS#2 port
	STS COM / META UPS COM
DIMENSIONS	
HxWxD	1.75 (1U)x19x9.8
WEIGHT	5lb
WARRANTY	2 years (parts and labor)

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Norway: 47.23.03.65.50
Portugal: 55.11.3616.8500
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