

AETES

DIGITAL RACK STS 1U

Fastest Switching Time

Multilingual LCD Control Panel

Fully Microprocessor Controlled Design



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DESCRIPTION

AETES "Digital Rack STS 1U" series are a single phase, dual pole static transfer switches, which can switch between to independent AC sources without interrupting the output power less than $\frac{1}{4}$ cycle.

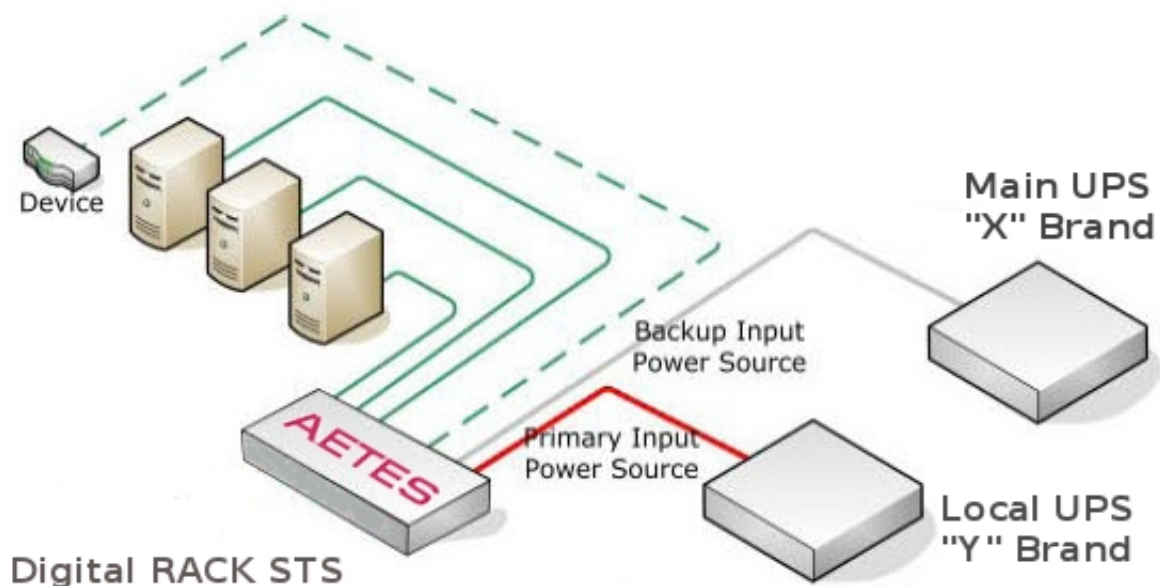
With a sense and transfer time of less than 5 ms, the Digital Rack STS represents the highest performance power switching solution available for the most critical applications.

Digital Rack STS systems provide cost-effective power protection for a wide range of applications including Telecom, Military, Data Centers and General Industrial.

FEATURES

- Advanced Communication Options for Remote Control & Monitoring.
- Additional manual by-pass for no-break operation of the load during maintenance.
- LCD control panel for Easy Operation
- Fully DSP logic for fast and Reliable Control.
- Source Priority Selection
- Password Protected Menu Structure
- Standard Modbus Communication
- Adjustable Operation Parametres.
- Audible Alarm & Dry Contacts.
- 19" rack mount design to Easy Installation.
- High efficiency, up to 99%
- 3 Year Standard Warranty

APPLICATION



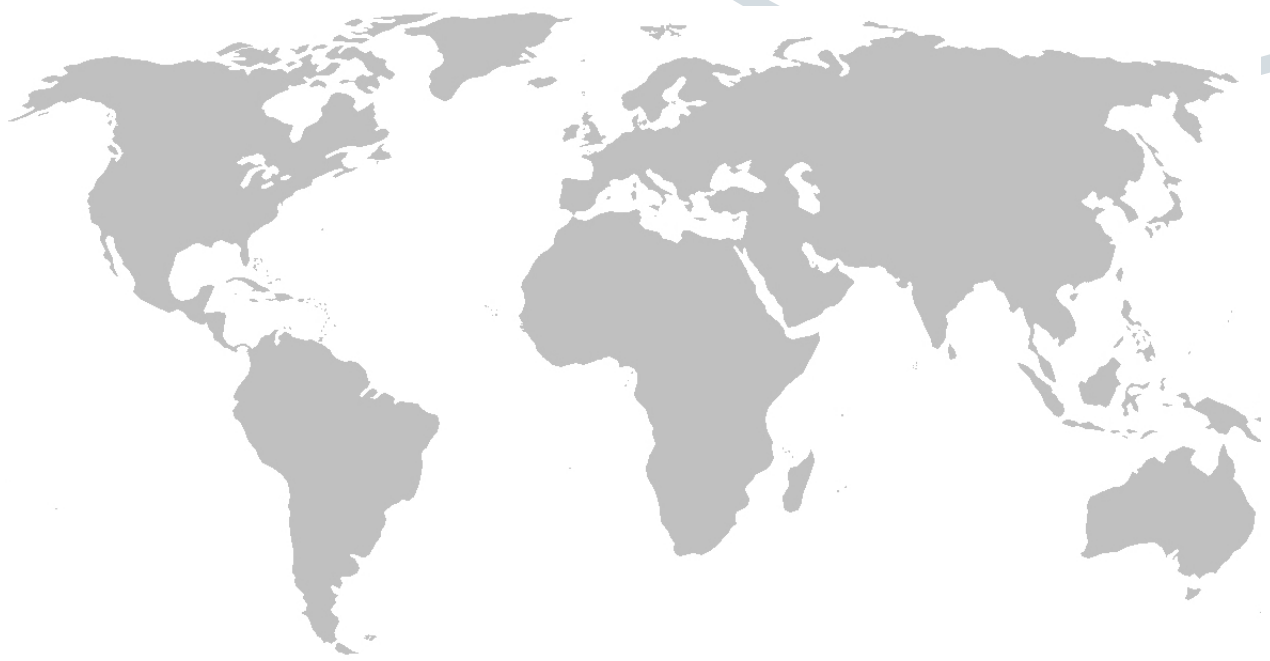
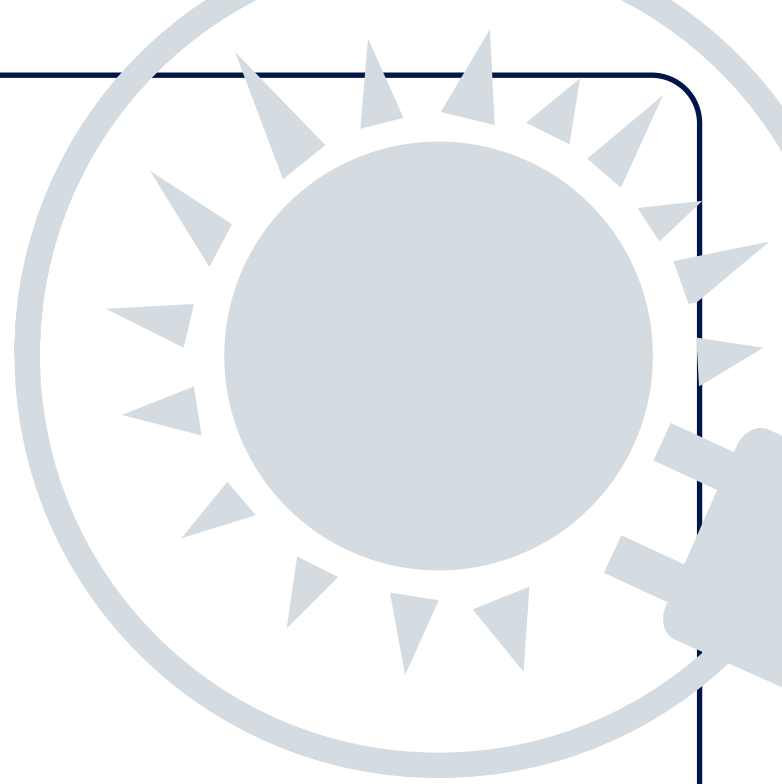
GENERAL SPECIFICATION

Nominal Voltage	<i>220/230/240 VAC or 110/120/127 VAC</i>
Frequency	<i>50/60 Hz full range</i>
Max. Current	<i>16A (IEC) or 20A (NEMA)</i>
Transfer Time	<i>Less than 5 ms</i>
Efficiency	<i>up to 99%</i>
Overload	<i>125 % for 10 minutes 150 % for 1 minutes</i>
Communication	<i>LCD User Interface & RS232 Serial Port ModBus</i>
Temperature	<i>-5°C...+50°C</i>
Altitude max.	<i>2000 m above sea level</i>
Humidity	<i>0% ~ 90%</i>
Enclosure	<i>19" Rackmount Compact Aluminum Case</i>
Color	<i>Black RAL9004 (Front Panel)</i>
EMC Compatibility	<i>EN 50091-2 ; EN 60947-6-1</i>
Degree of protection	<i>IP21</i>
Shipping Weight	<i>4,9 kg</i>
Warranty	<i>3 Years</i>

MODELS

Model	Line	Current	Dimensions	Output Terminals
97S-16A	220/230/240 VAC	16A	W (19") D(400 mm) H (1U)	(8) IEC-320 C13 Socket
96S-20A	110/120/127 VAC	20A	W (19") D(400 mm) H (1U)	(4) 5-15 NEMA Outlet

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