



SATS40 SERIES

Automatic Transfer Switch 240VAC 40A 10KVA 2 Inputs



-  Safe and Secure for Sensitive Electronic Equipment (UPS)
-  Compact design for versatility and ease of installation
-  Prioritised Output from Multiple Power Sources
-  Generator Aware: Continuous Voltage Sensing ensures Stable Power Source Priority Selection
-  Simplifies and Automates your Power System
-  LEDs Clearly Display AC Power Sources and Output Availability
-  Seamless Changeover in less than 12ms
-  Double Pole Contactors Eliminating any Earth or Grounding Issues
-  High Quality Parts and Connectors
-  Available in 240V and 110V Range
-  Up to 40 Amps (10KVA)

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MODEL SPECIFICATIONS		
Model	SATS40	SATS40-PM
Maximum Current	40	
Number of AC inputs	2	
Input voltage	180-280	
Operating temperature	-10°C to +50°C	
AC Connections	Screw terminal block	
Transfer time	12ms	
Enclosure	IP55	No Enclosure (Panel Mount)
Standards	AS3100, C-Tick	
Weight	1kg	0.6kg
Dimensions (mm)	170 x 135 x 95 mm	135 x 125 x 70 mm

Fast input switching ensures a smooth transparent transition between power sources.

Eliminate the need to manually switch your power sources and spend more time enjoying life. The unit senses AC power from various sources, e.g. Inverter / Generator / Mains Power, and automatically switches the AC output between the sources accordingly. With prioritised inputs, the most appropriate power source is always selected.

Generator Aware

The generator input comes with voltage sensing and time delays to ensure the generator has warmed up and the voltage is stable before switching to generator power. The generator voltage is continuously monitored and in the event the generator voltage becomes unstable the device switches to another power source until the generator voltage restabilises.

Compact Design

Allows flexibility and ease of installation.

High Quality Connectors

The Inputs and Outputs are connected via heavy duty high quality screw terminals to ensure a safe and secure connection.

IP55 Rated Enclosure (SATS40 only)

Dust and low pressure water jet protection (from all directions) allows it to be installed almost anywhere around the system, without affecting its long term reliability.

Transparent Changeover

No break changeover time of less than 1 cycle ensures a quick transfer between power sources.

Double Pole Transfer

Double pole contactors switch both active and neutral to eliminate any earth or grounding problems and completely isolate each source.

Simplicity

Minimises and simplifies your systems wiring, while providing a fully automatic and convenient system manager.

On Delay Timer

Ensures the primary source of power has warmed up and the output voltage has stabilised before transferring power to the output.

Reliability

With experience since 1985 and continuous adherence to stringent quality standards ensures optimum reliability backed with a full manufacturers warranty.

LED Status Indicators

A set of LED lights keep the user informed of its status at all times. Indicators clearly display when each of the AC power sources and AC output power are available.