

M-Switch (STS) 16A – 30A

Alphapower



The m-STSS static transfer switch is a 1 and 2 pole, single phase switch with fast switching between power sources preventing load damage and power line problems. It has high current carrying capacity ranging from 16A to 30A.

This switch has a fast load transfer time of 3.2ms ensuring constant power to load/s in the case of a fault. This switch can be customised by the user to have power source priority in running mode. The computer interface allows users to check working status, condition of equipment and system information.

Some key features include:

- Fast load transfer time 3.2ms
- Primary power source can be set by user
- 110% over current protection
- 2:1 capacity of power on current
- User friendly interface
- Simple computer interface

Model	Capacity
M-STSS 16	16A
M-STSS 25	25A
M-STSS 30	30A

Product Specifications

	Model	m-STS 16A	m-STS 25A	m-STS 30A
	Capacity	16A	25A	30A
Input	M1 Voltage	200 – 240V _{AC}		
	M2 Voltage	200 – 240V _{AC}		
	Nominal Frequency	50/60Hz		
Output	Voltage	200 – 240V _{AC}		
	Over Current	110%		
	Output Efficiency	≥ 98%		
Operation	Transfer Topology	Break Before Make i.e. no source overlapping		
	Transfer Mode/s	Automatic/Manual		
	Input Source Priority	Power source priority can be set by user		
	Load Transfer Time	≤ 6ms		
	Physical Interface	RS232 & IEC320, C13, C19		
System & Protection	Audible Alarm	YES		
	LCD Warning	LCD screen on 90s		
	LCD & LED Display	Block diagram showing operating status, equipment condition & system information		
	Overcurrent Protection	YES		
	Lightning Protection	YES		
Environment	Storage Temperature	-10 – 50 ⁰ C (14 – 122 ⁰ F)		
	Ambient Temperature	0 – 40 ⁰ C (32 – 104 ⁰ F)		
	Relative Humidity	< 90% non-condensing		
	Max. Altitude	1,000m at rated power		