

## FEATURES

### Ultra Low Transfer Time

<5ms transfer time assures you will never get interrupted

### Easy Maintenance & Repair

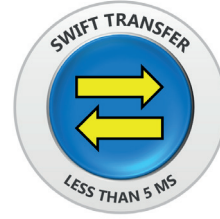
Hot Swap power module (2U Systems) and front access always allows easy repair and maintenance

### Back-up Power Supply(s)

Power supply is the most frequently malfunctioned component in electronic devices

### Cabinet Options

Rack and Tower Type options are available



STTS SERIES | STATIC TRANSFER SWITCH



Tower Type



Rack Type

# STS SERIES | STATIC TRANSFER SWITCH



KEY FEATURES				
Model	STS-1		STS-3	
Input Phase	Single Phase		Three Phases	
Current	16A to 1000A		32A to 1000A	
Poles	1-Pole (w/o Neutral Breaking)	2-Poles (with Neutral Breaking)	3-Poles (w/o Neutral Breaking)	4-Poles (with Neutral Breaking)
PARAMETERS				
Voltage	110VAC / 115VAC / 120VAC 220VAC / 230VAC / 240VAC (OPT: Others)		190VAC / 200VAC / 210VAC 380VAC / 400VAC / 415VAC 440VAC / 460VAC / 600VAC (OPT: Others)	
Voltage Range	± 20% (Transfer when Out of Range) (Adjustable)			
Frequency	50 / 60Hz			
Frequency Range	45-65Hz			
Efficiency	>99%			
Transfer Type	Break Before Make			
Transfer Options	Automatic / Manual			
Transfer Time	<5ms (Sync) & >10ms (Unsync)			
Crest Factor	3:1			
PHYSICAL CHARACTERISTICS				
Cabinet Type	Rack / Wall Mount / Tower Type			
Cabinet Colour	RAL7032, RAL7035 (OPT: Others)			
Protection Degree	IP20 (OPT: IP21 to IP55)			
Cooling System	Natural / Fan Cooling (Power Dependent)			
Cable Entry	Bottom (OPT: Top, Rear, Side)			
Maintenance Bypass	MCB or MCCB or CAM Switch (for each Sources)			
ENVIRONMENT				
Storage Temperature	-25 to 70°C			
Operating Temperature	-10 to 50°C			
Relative Humidity	0 to 95% (Non-Condensing)			
COMMUNICATIONS				
Standard Communication	ModBus RTU over RS232 (OPT: RS485, ModBus TCP/IP, SNMP and IEC61850) Dry Contact x4 (OPT: Up to x16)			
HMI	LED/LCD Panel with Mimic Diagram (OPT: Touch Screen Panel)			
Languages	Turkish, English, German, Dutch, Portuguese, Spanish, Russian			
PROTECTIONS				
Input / Output Protection	MCB or MCCB for Source Inputs and Output Over Temperature, Output CB Open Power Supply Fault, Emergency Stop			
ADDITIONAL FEATURES (OPT.)				
Isolation	Primary / Secondary Isolation Transformer			
Gauges	Input Voltage & Current Output Voltage & Current Battery Voltage & Current			
Protections	Fan Failure, SCR Fuse Failure, External Block, Parallel Fault			
Others	SPD, Cabinet Heater, Cabinet Lightning, Service Plug			
STANDARDS				
EN62310-1	General and Safety Requirements			
EN62310-2	Electromagnetic Compatibility (EMC) Requirements			
EN62310-3	Method for Specifying Performance and Test Requirements			

**Note:** Product properties may change without a notice by EPC.