



## AC Power Transfer Switch

Model  
STS-30  
30 Amps

### Design Features

- Automatically switches between 2 separate AC input sources:
  - Utility Power and Generator or,
  - Utility Power and Inverter or,
  - Generator and Inverter.
- Has rated capacity of 30 Amps at 120 VAC and is suitable for 30 Amp Utility Power Cord and Generator of up to 3.6 KVA capacity
- Uses heavy duty Double Pole Double Throw (DPDT) relay for switching both the Line and Neutral
- Can be installed on the line side of the main breaker panel allowing switching of the entire load or on the load side to only switch dedicated circuits
- DIP Switch select to enable time delay of 20 to 25 sec when transferring to a generator
- Comes with standard North American power cord for convenient connection to 15 Amp NEMA5-15R receptacles on a generator or to an inverter with up to 1800 VA capacity (Replace this cord with 30 Amp cord if full 30 Amp capacity is required)
- NEMA5-20R Duplex Receptacle for convenient connection of battery charger

**2 YEAR WARRANTY**

**MODEL NO. STS-30**

**INPUT / OUTPUT VOLTAGE** 120 VAC, 60 Hz

**INPUT / OUTPUT CURRENT** 30A

**BATTERY CHARGER RECEPTACLE** NEMA5-20R Duplex Receptacle, 20A Max, 16A Continuous, Fused at 20A

**KNOCKOUTS** for 1" and ¾"

**MAXIMUM OPERATING TIME OF THE RELAY** 25 msec

**DELAY TIME FOR GENERATOR WARM UP** 20 sec + / - 5 sec

**ENABLING / DISABLING OF DELAY TIME**  
 YES. With DIP switch SW1  
 - Delay enabled: OFF (1)  
 - Delay disabled: ON

**OPERATING TEMPERATURE** 0 - 40°C / 32°F - 104°F

**WEIGHT, LBS** 4.4

**WEIGHT, KG** 2.0

**DIMENSIONS (with max protrusions), INCHES (L x W x H)** 8.4 x 9.0 x 3.2

**DIMENSIONS (with max protrusions), MM (L x W x H)** 213.4 x 228.6 x 81.3