



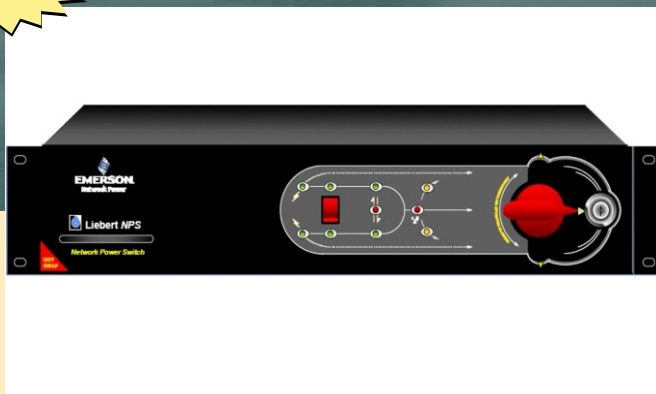
**SUPER SWITCH**

6 kVA - Single Phase

Product from an ISO 9001  
certified MAIT Level - II &  
CII - EXIM recognised Company

**POINT OF USE TRANSFER SWITCH  
FOR RELIABLE REDUNDANT  
AC POWER**

**NEW**



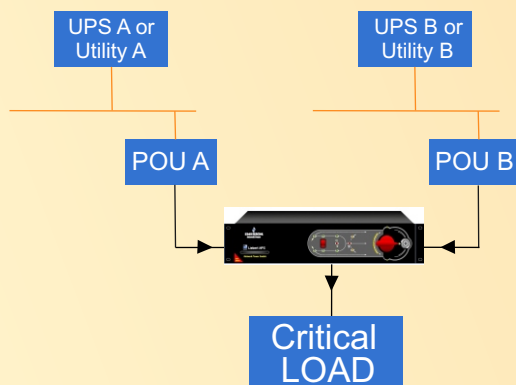
**Designed to allow implementation  
of a truly “High Availability Solution”**

If your critical electronic equipment demands the reliability of redundant power sources upto the point of actual consumption, Emerson Network Power (India) Private Limited has a unique and dependable solution.

Emerson Network Power (India) Private Limited's Super Switch provides rapid switching between two independent AC power sources, for uninterrupted operation of critical electronic equipment. Super switch proven power switching technology allows dual AC power paths all the way up to the critical load, for the ultimate in AC power system redundancy, power availability and fault tolerance.

**Features**

- Manual and Automatic Transfers.
- Sense and transfer time Less than 6 milliseconds as per IEEE 446
- Hot swappable electronic static switching module
- Break – Before Make – Switching.
- Selectable Auto Manual Retransfer.
- Natural Convection cooling.
- Live mimic on electronic static switch module for indicating load supply status & alarms.
- Live mimic on fixed Module to indicate supply status even with electronic module removed.
- Make before break manual bypass switch to transfer load from static switch to direct source I or Source 2



**SUPER SWITCH****6 kVA - Single Phase**

Many data processing, telecommunications and similar critical systems are designed for continuous operation, frequently without tolerance for even scheduled downtime. Hence a dual AC power sourcing is essential, which has a reliable switching mechanism to support it. However, the right switching is vital.

- The transfer switch must use proven technology and design features for dependable operation.
- It must operate rapidly and reliably to avoid fast power faults such as UPS systems circuit breaker trips, insulation failures or operator error coming from the other system.
- It must be easy to configure, install, operate and maintain to ensure consignments uptime.
- A dual power system which is inherently reliable, fast and convenient will provide the vital supply of continuous power which your critical electronics demand. If the switching is right. Modeled on power UPS technology, the Emerson Network Power (India) Private Limited Super switch power transfer switch is installed in the most effective position – close to the protected equipment. This ensures redundant power paths are available right up to the load.

**Designed For Reliability**

- Bark – Before – Make switching eliminates any possibility of contracting the two independent power sources together, even under fault conditions
- Diagnostics and Transfer tests detect any potential switch figures before problem becomes critical.

**Rapid Operation**

- Super Switch transfer time of six milliseconds is invisible to sensitive electronic equipment.
- Automatic transfer protects the critical load as soon as a problem is detected on the power source by switching to the alternative supply.
- Manual transfer allows power to be switched whenever.

**Emerson Network Power  
(India) Private Limited****HEAD OFFICE :**

Plot No. C - 20, Road No.19, Wagle Estate,  
Thane (W), Maharashtra - 400604. India.  
Tel : 91 - 22 - 33154400  
Fax : 91 -22 - 25828358  
Toll Free No. 18002096070  
www.emersonnetworkpower.co.in

**Electrical Specifications**

- **Nominal Input Voltage**  
220, 230 or 240 volts single phase, 2W+G, 50HZ  
Safety grounded power sources
- **Source unhealthy status**  
Guaranteed transfer to alternate source within -10to -15%of vnominal
- **Maximum continuous status**  
25A, 50HZ
- **Load power factor range**  
Up to 3.5
- **In-Phase transfer window**  
Adjustable from 7.5 +/-
- **source voltage distortion**  
Up to 10% THD
- **Overload capability**  
125% of continuous current for 2 hrs, 1000% for two cycles minimum
- **Over current protection**  
By semi conductor fuse
- **Short circuit withstand capability**  
Up to 20,000 symmetrical amps protected by internal fusing.
- **Redundant control power supplies**
- **Integral maintenance Bypass**
- **Eight isolated normally open alarm & static switch status**

**Mechanical Specifications****Model 1 :**

size : 422mm X 132mm X350mm (w X h X d) ( 19" with \* 3 U height)  
Colour : Structured white Epoxy polyester Weight 12.3 Kgs.

**Model 2 :**

Size : 422mm X 67mm X385mm (w X h X d) ( 15" with \* 2 U height)  
Colour : Dark Structured Grey Epoxy polyester Weight: 11.0 Kgs.

**Environmental Specifications**

Heat dissipation	50w
Storage temperature range	-40 C to +60 C
Operating temperature range	0 to 40 c
Relative Humidity	0 to 95% without condensation
Operating Altitude	up to 5000 feet (1500m) above sea level without derating
Storage / Transport Altitude	up to 42,000 feet (12,000m) above sea level
Audible Noise	less than 45 dBA at 5 feet ( 1.5m)

Available from :

**ZONAL / BRANCH OFFICES :**

MUMBAI : 022 - 25002318/2294 PUNE : 020 - 25676957 / 0709  
BARODA : 0265 - 2314296 / 2330383 NAGPUR : 0712 - 5634997  
INDORE : 0731 - 2203806 KOLKATA : 033 - 22890493/90  
JAMSHEDPUR : 0657 - 2227678 GUWAHATI : 0361 2453270  
BHUBANESHWAR : 0674 - 2520778 DELHI : 011 - 25824206 / 08  
CHANDIGARH : 0172 - 5077531 LUCKNOW : 0522 - 2237174  
BANGALORE : 080 - 51135670/770/870 COCHIN : 0484 - 2341985/ 86  
VISHAKAPATNAM : 0891 - 2505540