

# INFORM STATIC TRANSFER SWITCH

3 Phase in – 3 Phase out / 25Amp to 200Amp



**inform**  
"Uninterruptible Energy"

- Ultra fast Break Before Make switching eliminates connecting the two sources together even under fault conditions.
- Less than 5ms transfer between synchronized sources.
- Selectable preferred source.
- A fuseless rugged, high reliability SCR device eliminates fuse replacement.
- Digitally controlled system set points.
- Programmable synchronized and unsynchronized transfers.
- Switched neutral option maintains isolation between sources.
- Diagnostics and transfer tests to verify system readiness
- Load over current transfer inhibit to prevent transfer of a fault to the second source.
- Dramatic increase in reliability and availability of critical devices.
- Hot swap Redundant internal DC power supplies
- Redundant cooling fans
- Integral isolated Maintenance Bypass sustains power to the load even during maintenance & repair.
- LCD display and keypad for messages, alarms, measurements, diagnostics and settings of the parameters from the front panel.
- RS232 bi-directional communication to provide monitoring and setting of the STS via a PC.
- 7 available dry contacts.



# INFORM STATIC TRANSFER SWITCH TECHNICAL SPECIFICATIONS

MODEL	STS325	STS350	STS3100	STS3150	STS3200
<b>INPUT</b>					
Voltage	220,230 / 380,400VAC, 4 wires				
Voltage Range	150-260VAC				
Frequency	50 or 60Hz +/-5%				
Voltage Distortion	<10%				
Input voltage error window	adjustable				
Input frequency error window	adjustable				
<b>OUTPUT</b>					
Current	25A	50A	100A	150A	200A
Voltage	220,230 / 380,400VAC, 4 wires				
crest factor	up to 3,5				
synchronized transfer time	min 2 ms ( adjustable up to 10ms )				
non-synchronised transfer time	min 5 ms ( adjustable up to 12ms )				
load power factor range	0,6 lagging to 0,9 leading				
Efficiency	>98%				
Overload	15min at 150% load , 40msec at 1000% load				
type of transfer	break before make				
AS standard	Overcurrent inhibit LCD front panel, MBP				
<b>PHYSICAL</b>					
Dimensions (mm) WxDxH	580x510x1410				
Operating Temperature	0-40°C				
Relative Humidity (non-condensing)	95%				
Standards	EN 50091-1 (safety), EN 50091-2 (EMC), CE				
<b>GENERAL</b>					
RS232 port	standard				
Dry contacts	transfer inhibit, summary alarm, bypass (mechanical or manual ), source one bad, source 2 bad, on alternate, one preferable contact				
Neutral connection	optional				
transfer time	<5msec : within CBEMA & IEEE for synchronized sources <11msec : for unsynchronized sources.				
monitored parameters	source 1 voltages, source 2 voltages, output load, phase balance, synchronization source 1 frequency, source 2 frequency, phase angel degree, DC supply voltages				
Front Panel	2 lines 16 character LCD Display				
Indications	6 LEDs arranged as mimic diagram				
Control buttons	5 push button interactive with LCD panel				
Event log	64 recorded alarm logs from panel or RS232				
Manual transfer switch	available				