

# DLT STS 4000 SERIE

Static Transfer Switch  
50-400 A



## Technical Features

- Increased power quality
- Increased noise reduction
- Power blackout protection
- Power redundancy
- Automatic static switching
- Remote monitoring input power sources
- Easy static and mechanical transfer to input sources
- Remote management the power events
- Power event logging
- Output current capability up to 1000% for short time

*keep your energy under control*

## Technical Specifications

MODEL	STS4100	STS4150	STS4200	STS4250	STS4300	STS4400
Voltage	230/400 Vac 4 wires + earth					
Error window	Voltage error window and blackout time adjustable					
Frequency	50 Hz or 60 Hz, +/- %-5 (adjustable error window)					
Voltage distortion	< %10					
Phase balance sense	Available adjustable					
Backfeed protection	Available					
Overcurrent protection	2 MCCB's according to overload current values					
<b>OUTPUT</b>						
Current	100A	150 A	200 A	250 A	300 A	400 A
Voltage / frequency	230/400 Vac 4 wires + earth—50 Hz or 60 Hz, +/- %-5					
Overcurrent inhibit	Available					
Load crest factor	up to 3.5					
Protection	SCR protection and overcurrent protection available / Short circuit protection available					
AC/AC efficiency	> %98					
Load PF range	0.6 lag to 0.9 lead					
Output CB switch	Available					
<b>GENERAL</b>						
Type of transfer	break before make					
Transfer time	5 msec within CBEMA & IEEE for synchronized sources—11 msec for unsynchronized sources					
Overload	150% for 15 min, 1000% for 40 msec					
Cooling	two fans(redundant)					
Standards	EN5009 colspan=71-2 class A ISO9001					
Temperature sensor	Cabinet inside temperature / Heatsink temperature available					
Ambient temperature	0 - 40 °C					
Humidity	0 - 95%(non condensed)					
Dimensions(HxWxD)	685x530x1500					685x580x1770
<b>ADVANCED FEATURES</b>						
Human interface	2 Lines 16 characters LCD display . lamp mimic panel , 5 control buttons					
Alarm history logging	Available (128 events or 4000 alarms) with time and date					
Real time clock	Available					
Password protection	User and service passwords					
Advanced RS232	Available (2400 baud,no parity,1 stop bit,3 wires) interactive					
RS232 security	Enable/Disable from front panel and password protection (timed access)					
DRY contacts	7 dry contact outputs (4 user programmable)					
Monitoring software	Available					
Remote settings	Available					
REPO switch	Available					
Maintenance switch	Available (3 position)					
Power supply	Hot swap 2 redundant power supplies					
<b>OPTIONS</b>						
TCP/IP connection	Available as option					
MODBUS adaptor	Available as option					
RS232 multiplexer	Available as option (2 RS232 serial ports)					
Internal resistive load	Available as option					

