LIVOLTEK

202608V4 Edition
Design and specifications are subject to change without notice

TRANSFER SWITCH CABINET

TS-250/500/750/1000/1250

The LIVOLTEK TS Series Transfer Switch Cabinet is an advanced electrical switchgear that automatically transfers electrical load between different power sources (like the utility grid and a backup generator) to ensure an uninterrupted power supply. These systems are important devices for outdoor places where reliability and uptime are critical, such as in hospitals, data centers, and industrial facilities.

High Efficiency & Stability

- Compatible with various PCS
- On/Off-grid switch time ＞30ms

Extensive Use

- Auto-switching between on-grid and off-grid for backup
- Equipped with smart meters for grid-support monitoring

Safety & Compatibility

- Controlled by/with EMS
- Equipped with a bypass maintenance switch to ensure uninterrupted power supply for important loads

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TS Series



Model	TS-250		TS-500		TS-750		TS-1000		TS-1250	
Number of Parallel Units [1]	1	2	3	4	5	6	7	8	9	10
Nominal Output Power	125kW	250kW	375kW	500kW	625kW	750kW	875kW	1000kW	1125kW	1250kW
Rated Output Voltage	400/480Vac									
Voltage Range	-15 ~ 10%									
Rated AC Frequency	50/60Hz									
Rated AC Current	200A	400A	600A	800A	1000A	1200A	1400A	1600A	1800A	2000A
Max. AC Current	250A	500A	630A	1000A	1250A	1500A	1600A	2000A	2500A	2500A
Overload Capability	110% (Continuous)									
Max. Efficiency	99.50%									
On/Off Grid Transfer Time	＞30ms									
Grid Type	3P4W									
Protection	Over Temperature Protection, Over/Under Voltage Protection, AC Reverse Phase Protection									
Communication Interface	RS485, CAN and Ethernet, DI/DO									
Grid Interface	1 Input									
DG Interface	1 Input (Optional)									
PCS Interface	1 Input	2 Inputs	3 Inputs	4 Inputs	5 Inputs	6 Inputs	7 Inputs	8 Inputs	9 Inputs	10 Inputs
Load Interface	1 Output									
Dimensions (W×H×D)	800*2000*600mm		1000*2200*800mm		1200*2200*1000mm		1500*2200*1200mm		1500*2200*1200mm	
Weight	230kg	290kg	370kg	460kg	610kg	720kg	920kg	1080kg	1180kg	1200kg
Noise	<60dB									
Ingress Protection	IP54									
Operation Temperature	-30 to +55°C (＞45°C Derating)									
Cooling	Nature									
Relative Humidity	0 ~ 95%RH (Non-condensing)									
Max. Operating Altitude	3000m (≥3000m Derating)									

*1: The number of parallel units is only applicable to BES-P125X261E/U model products