



SE-TH 110kW, 125kW (Three Phase)

Model	110.0TL3	125.0TL3
Efficiency		
Max. Efficiency	98.6%	98.5%
European Efficiency	98.2%	98.0%
Input (PV)		
Max. Input Voltage	1100V	
Max. PV Configuration	150%	
Rated Input Voltage	620V	
Max. Input Current	3*40A + 6*32A	
Max.Short Circuit Current	3*50A + 6*45A	
Start /Min. Operating Voltage	250V/200V	
MPPT Operating Voltage Range	200V-1000V	
Max. Number of PV Strings	18(9*2)	
No. of MPPTs	9	
Output (Grid)		
Rated AC Active Power	110,000W	125,000W
Max. AC Apparent Power	123,000VA	125,000VA
Max. AC Output Current	3*187A	3*181A
Rated AC Voltage	380V/400V/415V, 3P+N+PE	400V, 3P+N+PE
AC Voltage Range①	187V-300V / 320V-520V	
Rated Grid Frequency	50Hz / 60Hz	
Grid Frequency Range②	45Hz-55Hz / 55Hz-65Hz (Adjustable)	
THDI	<3%@Rated Power	
DC Current Injection	<0.5%@Rated Current	
Power Factor	>0.99 Rated power (Adjustable 0.8 LD - 0.8 LG)	
Protection		
DC Switch	Support	
Anti-Islanding Protection	Support	
AC Overcurrent Protection	Support	
AC Short Circuit Protection	Support	
DC Reverse Connection	Support	
Surge Arrester	DC Type II / AC Type II	
Insulation Detection	Support	
PV String Monitoring	Support	
Leakage Current Protection	Support	
General		
Topology	Transformerless	
IP Rating	IP66	
Night Self Consumption	<5W	
Cooling	Fan cooling	
Operating Temperature Range	-25°C to 60°C	
Relative Humidity Range	0-100%	
Max. Operating Altitude	4000m	
Dimensions (W*H*D)	936mm*678mm*365mm	
Weight	92Kg	
HMI & COM		
Display	Wireless & App + LED, LCD (Optional)	
Communication	RS485, Optional: WiFi / GPRS / LAN	
Certification		
Safety	IEC62109, IEC61727, IEC62116	
Grid Code	IEC61683, IEC60068, IEC61000	

Remarks :

① ② The range of output voltage and frequency may vary depending on different grid codes.
Specifications are subject to change without advance notice.

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