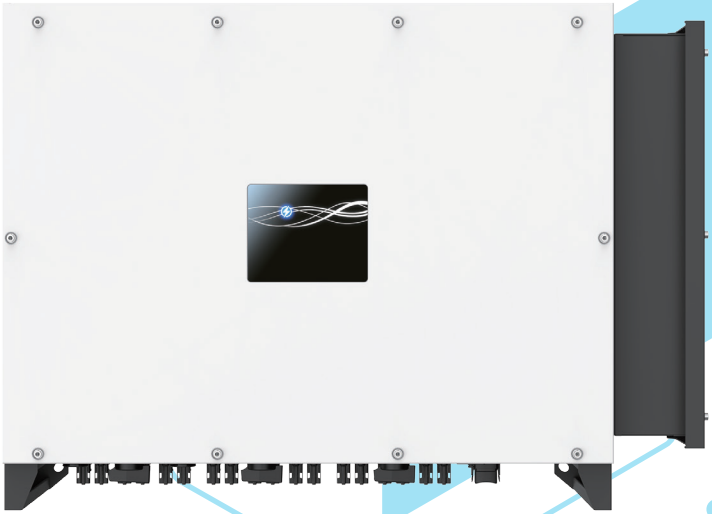
Grid-Tied Inverter

THREE PHASE & MULTIPLE MPPT

SE 75KTL-ML3

Application: Commercial & Industrial Sites



SUPERIOR PERFORMANCE

- Maximum efficiency of 98.0%
- Large string current, compatible with large PV modules
- 9 MPPT, fuse-free design technology

HIGH RELIABILITY

- IP66 protection level for outdoor installation
- Replaceable DC/AC Type II SPD
- Optional: AFCI, Night SVG, I/V detection, and integrated PID

INTELLIGENT MAINTENANCE

- Power consumption monitoring
- Remote configuration and upgrade
- Quick commissioning via mobile app
- String level current detection

Model	SE 75KTL-ML3
Efficiency	
Max. Efficiency	98.0%
European Efficiency	97.5%
Input (PV)	
Max. Input Voltage	800V
Max. PV Configuration	150%
Rated Input Voltage	360V
Max. Input Current	6*32A/3*40A
Max.Short Circuit Current	6*45A/3*50A
Start Input Voltage/ Min. Operating Voltage	250V/200V
MPPT Operating Voltage Range	200V-750V
Max. Number of PV Strings	9*2
No. of MPPTs	9
Output (Grid)	
Rated AC Active Power	75,000W
Max. AC Apparent Power	82,500VA
Max. AC Output Current	3*197A
Rated AC Voltage	220V, 3W+N+PE
AC Voltage Range①	187V~300V (Adjustable)
Rated Grid Frequency	50Hz/60Hz
Grid Frequency Range②	45Hz-55Hz/55Hz-65Hz (Adjustable)
THDI	<3% (Rated Power)
DC Current Injection	<0.5%In
Power Factor	> 0.99 Rated power (Adjustable 0.8 LD - 0.8 LG)
Protection	
DC Switch	Yes
Anti-Islanding Protection	Yes
AC Overcurrent Protection	Yes
AC Short Circuit Protection	Yes
DC Reverse Protection	Yes
Surge Arrester	DC Type II/AC Type II
Insulation Detection	Yes
Leakage Current Protection	Yes
AFCI	Optional
PID Recovery	Optional
PV String Monitoring	Yes
Consumption Monitoring	Optional
General	
Topology	Transformerless
IP Rating	IP66
Night Self Consumption	<10W (Standard)
Cooling	Fan cooling
Operating Temperature Range	-25℃-60℃
Relative Humidity Range	0-100%
Max. Operating Altitude	4000m
Dimensions (W*H*D)	936mm*678mm *365mm
Weight	92Kg
HMI & COM	
Display	Optional: Wireless & APP+LED, LCD
Communication	WiFi, Optional: GPRS/RS485/LAN
Certification	
Safety	IEC 62109-1, IEC 62109-2
Grid Code	IEC 61727:2004, IEC 62116:2014
Warranty	5 Years

Remarks: · ①②The range of output voltage and frequency may vary depending on different grid codes.
· Specifications are subject to change without advanced notice.