

SE 10/15KTL-D3/G2P, SE 17/20/22/25KTL-D3/G2

Application: Residential & Small-Medium C&I Use



Superior Performance

- Maximum efficiency of 98.4%
- Large string current, compatible with large PV modules
- Wide voltage range, compatible with various power grids
- Compact for easy installation



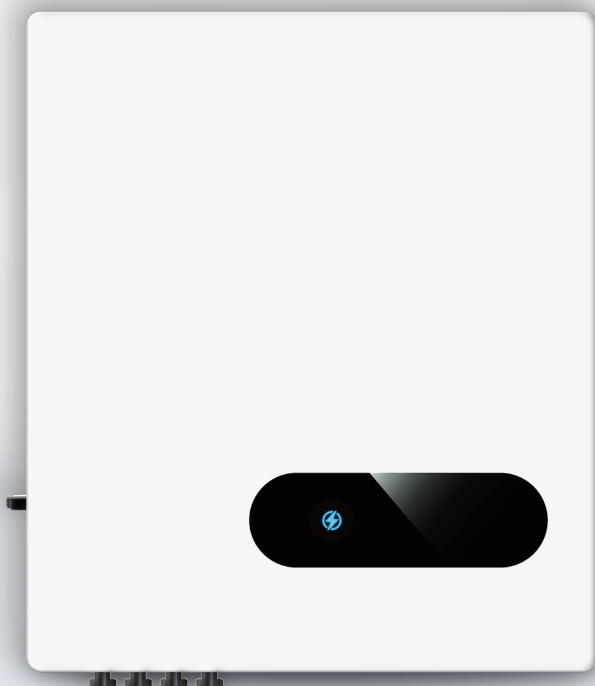
High Reliability

- IP66 protection level for outdoor installation
- Optional: DC/AC Type II SPD
- Optional: AFCI 2.0 function



Intelligent Maintenance

- Power consumption monitoring
- Remote configuration and upgrade
- Quick commissioning via mobile app
- Multiple I/O and communication configurations



THREE
PHASE &
DUAL
MPPT



	SE 10KTL-D3/G2P	SE 15KTL-D3/G2P	SE 17KTL-D3/G2	SE 20KTL-D3/G2	SE 22KTL-D3/G2	SE 25KTL-D3/G2
Efficiency						
Max. Efficiency	98.4%					
Eur. Efficiency	97.8%	98.0%	98.0%	98.0%	98.0%	98.0%
Input (PV)						
Max. Input Voltage	1100V					
Max. PV Configuration (STC)	150%					
Rated Input Voltage	620V					
Max. Input Current	15A/30A	30A/30A	30A/30A	30A/30A	30A/30A	30A/30A
Max. Short Circuit Current	20A/40A	40A/40A	40A/40A	40A/40A	40A/40A	40A/40A
Start Input Voltage	180V					
MPPT Operating Voltage Range	160V-1000V					
Max. Number of PV Strings	1/2	2/2	2/2	2/2	2/2	2/2
No. of MPPTs	2					
Output (Grid)						
Rated AC Active Power	10,000W	15,000W	17,000W	20,000W	22,000W	25,000W
Max. AC Apparent Power	11,000VA	16,500VA	18,700VA	22,000VA	24,200VA	27,500VA
Max. AC Output Current	3*16.8A	3*25.3A	3*28.6A	3*33.7A	3*37A	3*39.8A
Rated AC Voltage	380V/400V/415V, 3W+N+PE					
AC Voltage Range①	260V-510V (Adjustable)					
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	Yes					
Anti-islanding Protection	Yes					
AC Overcurrent Protection	Yes					
AC Short Circuit Protection	Yes					
DC Reverse Protection	Yes					
Surge Arrester	DC Type III (Type II optional)/AC Type III (Type II optional)					
Insulation Detection	Yes					
Leakage Current Protection	Yes					
General						
Topology	Transformerless					
IP Rating	IP66					
Night Self Consumption	<1W (Standard)					
Cooling Method	Natural Cooling	Smart Cooling	Smart Cooling	Smart Cooling	Smart Cooling	Smart Cooling
Operating Temperature Range	-25°C~60°C					
Relative Humidity Range	0-100%					
Max. Operating Altitude	4000m					
Dimensions (W*H*D)	398mm*460mm*190mm					
Weight	18.7kg	20.1kg	20.1kg	20.1kg	20.3kg	20.3kg
HMI & COM						
Display	Wireless & APP +LED, LCD (Optional)					
Communication Interface	RS485, Optional: Wi-Fi/GPRS/LAN					
Certification						
Safety	IEC 62109-1, IEC 62109-2					
Grid Code	VDE-AR-N 4105, EN 50549-1, CEI 0-21, UNE 206006/206007-1, RD 1699/661&413, IEC 61727/62116, AS 4777.2					
Warranty	5 Years/10 Years (Optional)					

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

