

SE 10/15KTL-D3/G2P, SE 17/20/22/25/30KTL-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



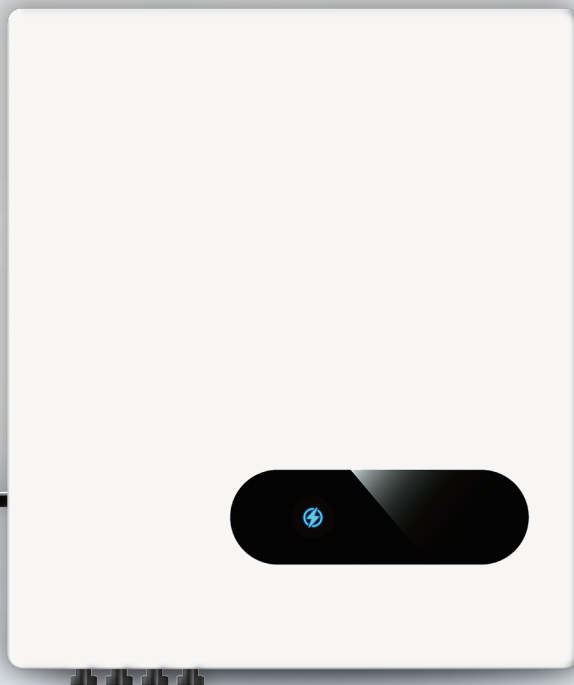
High Reliability

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

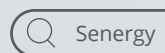


Intelligent Maintenance

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



THREE
PHASE &
DUAL
MPPT



Efficiency

Max. Efficiency

European Efficiency

				98.4%			
97.8%	98.0%	98.0%	98.0%	98.0%	98.0%	98.0%	98.0%

Input (PV)

Max. Input Voltage

Max. PV Configuration (STC)

Rated Input Voltage

Max. Input Current

Max. Short Circuit Current

Start Input Voltage

MPPT Operating Voltage Range

Max. Number of PV Strings

No. of MPPTs

				1100V			
				150%			
				620V			
15A/30A	30A/30A	30A/30A	30A/30A	30A/30A	30A/30A	30A/30A	30A/40A
20A/40A	40A/40A	40A/40A	40A/40A	40A/40A	40A/40A	40A/40A	37.5A/50A
				180V			
				160V-1000V			
1/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2
				2			

Output (Grid)

Rated AC Active Power

Max. AC Apparent Power

Max. AC Output Current

Rated AC Voltage

AC Voltage Range①

Rated Grid Frequency

Grid Frequency Range②

THDI

DC Current Injection

Power Factor

10,000W	15,000W	17,000W	20,000W	22,000W	25,000W	30,000W
11,000VA	16,500VA	18,700VA	22,000VA	24,200VA	27,500VA	33,000VA
3*16.8A	3*25.3A	3*28.6A	3*33.7A	3*37A	3*39.8A	3*50.2A
380V/400V/415V, 3W+N+PE						
260V-510V (Adjustable)						
50Hz/60Hz						
45Hz-55Hz/55Hz-65Hz (Adjustable)						
<3%@Rated Power						
<0.5%@Rated Current						
> 0.99@Rated power (Adjustable 0.8 LD - 0.8 LG)						

Protection

DC Switch

Anti-islanding Protection

AC Overcurrent Protection

AC Short Circuit Protection

DC Reverse Protection

Surge Arrester

Insulation Detection

Leakage Current Protection

Yes
Yes
Yes
Yes
Yes
DC Type III (Type II optional)/AC Type III (Type II optional)
Yes
Yes

General

Topology

IP Rating

Night Self Consumption

Cooling Method

Operating Temperature Range

Relative Humidity Range

Max. Operating Altitude

Dimensions (W*H*D)

Weight

				Transformerless			
				IP66			
				<1W (Standard)			
Natural Cooling	Smart Cooling	Smart Cooling	Smart Cooling	Smart Cooling	Smart Cooling	Smart Cooling	Smart Cooling
-25°C~60°C							
0-100%							
4000m							
398mm*460mm*190mm							
18.7kg	20.1kg	20.1kg	20.1kg	20.3kg	20.3kg	20.3kg	20.3kg

HMI & COM

Display

Communication Interface

Wireless & APP +LED, LCD (Optional)
RS485, Optional: Wi-Fi/GPRS/LAN

Certification

Safety

Grid Code

Warranty

IEC 62109-1, IEC 62109-2
VDE-AR-N 4105, EN 50549-1, CEI 0-21, UNE 206006/206007-1, RD 1699/661&413, IEC 61727/62116, AS 4777.2
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.