

THREE PHASE & DUAL MPPT

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

Application: Small-sized Industrial and Residential Use



SUPERIOR EFFICIENCY

- Maximum efficiency 98.4%
- Max String Current 20A, compatible with 600W+ modules
- 150% PV configuration, 110% output overload



HIGH RELIABILITY

- Die-cast aluminum case, IP66 waterproof and dustproof, C5 anti-corrosion
- DC /AC SPD, AFCI detection optional
- Compatible with wide power grid voltage and high harmonic power grid environment



INTELLIGENT MAINTENANCE

- App quick commissioning
- Remote configuration and upgrade
- Supports export control

Model	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	98.3%	98.4%	98.4%	98.4%	98.4%	98.4%
European Efficiency	97.8%	98.0%	98.0%	98.0%	98.0%	98.0%
Input (PV)						
Max. Input Voltage			1100V			
Max. PV configuration			150%			
Rated Input Voltage			620V			
Max. Input Current	30A+15A			2*30A		
Max. Short Circuit Current	40A+20A			2*40A		
Start Input Voltage			180V			
MPPT Operating Voltage Range			160V-1000V			
Max. Number of PV Strings	3 (2/1)			4 (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	25,000VA
Max. AC Active Power (PF=1)	11,000W	16,500W	18,700W	22,000W	24,200W	25,000W
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			Support			
Anti-islanding protection			Support			
AC overcurrent protection			Support			
AC short circuit protection			Support			
DC reverse connection			Support			
Surge Arrester			AC Type III (Type II optional) / DC Type III (Type II optional)			
Insulation detection			Support			
String current detection			Optional			
Leakage current protection			Support			
General						
Topology			Transformerless			
IP Rating			IP66			
Night Self Consumption			<1W			
Cooling	Natural cooling		Fan cooling			
Operating Temperature Range			-25°C-60°C			
Relative Humidity Range			0-100%			
Max. Operating Altitude			4000m			
Noise			<45dB			
Dimensions (W*H*D)			398mm*460mm*190mm			
Weight			23Kg			
HMI & COM						
Display			Wireless & APP +LED, LCD (Optional)			
Communication			RS485, Optional: WiFi / GPRS / 4G			
Certification						
Safety			IEC62109-1, IEC62109-2			
Grid Code			VDE-AR-N 4105, EN 50549-1, CEI 0-21, UNE 206006/206007-1, UNE 217001, IEC 61727/62116, AS4777.2			
Warranty			5 Years			

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