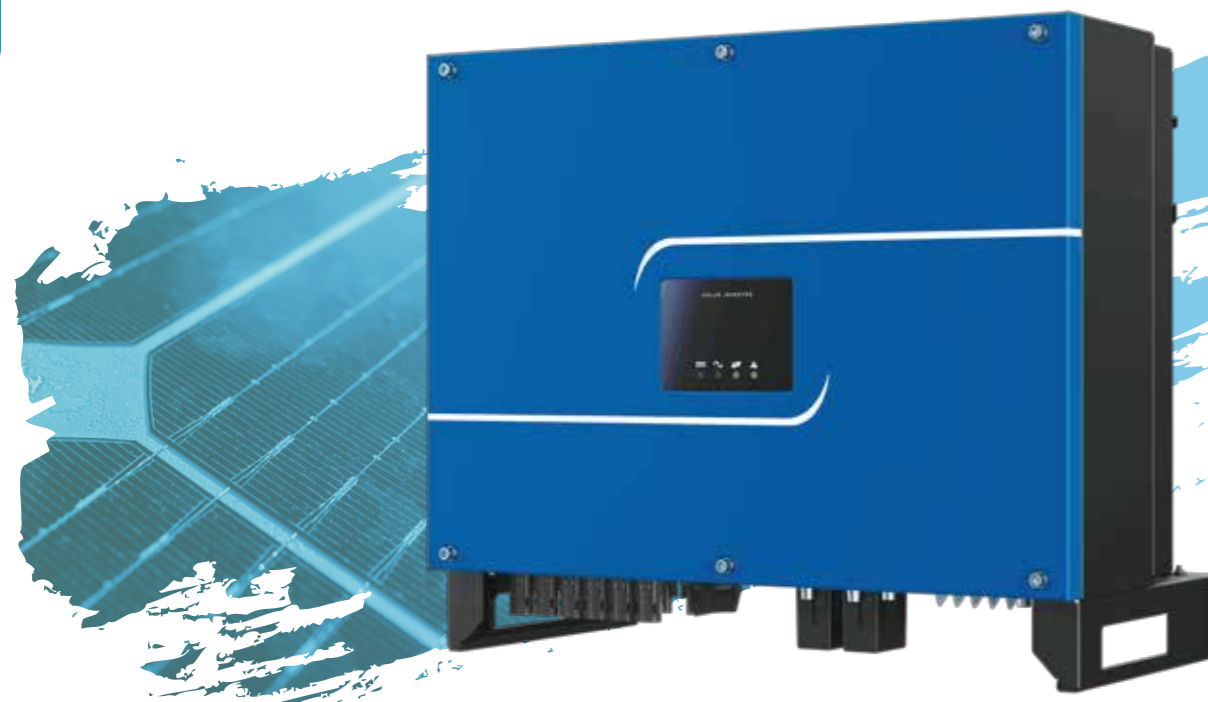


# THREE PHASE & DUAL MPPT

## SE 28/30KTL-D3

Application: Small-sized Industrial and Residential Use



### SUPERIOR EFFICIENCY

- Maximum efficiency 98.6%
- String current 13.5A, compatible with high power modules
- 150% PV configuration, 110% output overload



### HIGH RELIABILITY

- Integrated type II DC/AC SPD
- APP for local settings & display



### INTELLIGENT MAINTENANCE

- Remote configuration and upgrade
- Supports export control

Model	SE 28KTL-D3	SE 30KTL-D3
<b>Efficiency</b>		
Max. Efficiency	98.6%	98.6%
European Efficiency	98.3%	98.3%
<b>Input(PV)</b>		
Max. Input Voltage	1000V	
Max. PV configuration (STC)	150%	
Rated Input Voltage	620V	
Max. Input Current	81A (2*40.5A)	
Max.Short Circuit Current	90A (2*45A)	
Start Input Voltage	250V	
MPPT Operating Voltage Range	180V-960V	
Max. Number of PV Strings	6 (3/3)	
No. of MPPTs	2	
<b>Output(Grid)</b>		
Rated AC Active Power	28,000W	30,000W
Max. AC Apparent Power	30,800VA	33,000VA
Max. AC Active Power (PF=1)	30,800W	33,000W
Max. AC Output Current	3*45A	3*48A
Rated AC Voltage	380V/400V, 3W+N+PE	
AC Voltage Range①	277V-520V (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)	
<b>Protection</b>		
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	
Leakage current protection	Support	
<b>General</b>		
Topology	Transformerless	
IP Rating	IP65	
Night Self Consumption	<1W	
Cooling	Fan cooling	
Operating Temperature Range	-25°C-60°C	
Relative Humidity Range	0-100%	
Max. Operating Altitude	4000m	
Noise	<50dB	
Dimensions (W*H*D)	555mm*446mm*270mm	
Weight	41Kg	
<b>HMI &amp; COM</b>		
Display	Wireless & APP+LED, LCD (Optional)	
Communication	RS485, Optional: WiFi / GPRS / 4G / LAN	
<b>Certification</b>		
Safety	IEC62109-1, IEC62109-2	
Grid Code	VDE-AR-N 4105, EN 50549-1/2, G99, CEI 0-21/16, UNE 206006/206007-1, UNE 217001, IEC 61727/62116, VDE 0126	
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.