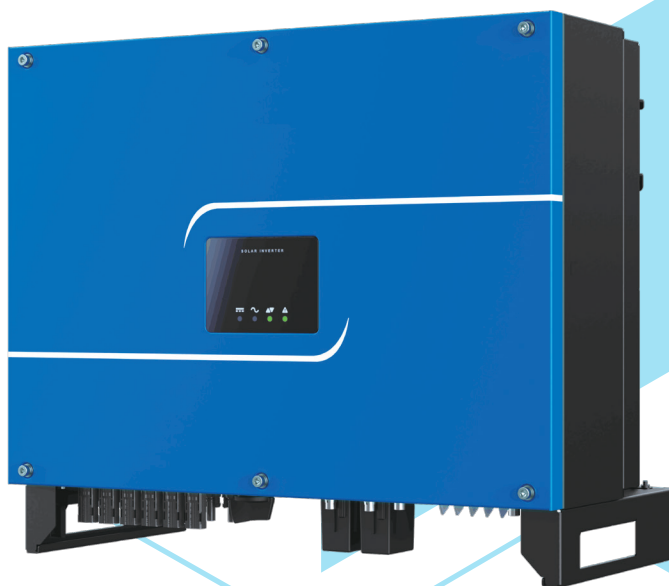


# THREE PHASE & DUAL MPPT

SE 16/18KTL-DL3

Application: Small-Scale Industrial and Residential Use



## SUPERIOR PERFORMANCE

- Max efficiency of 97.5%
- Ultra-wide voltage range (180V-750V)



## HIGH RELIABILITY

- Integrated type II DC/AC SPD
- Natural cooling design



## INTELLIGENT MAINTENANCE

- Intelligent monitoring via APP & Web
- Multiple remote monitoring for convenient operation and maintenance
- Supports 3Phase 208/220/240V grid system

Model	SE 16KTL-DL3	SE 18KTL-DL3
<b>Efficiency</b>		
Max. Efficiency	97.5%	97.5%
<b>Input (PV)</b>		
Max. Input Voltage	800V	
Max. PV Configuration	150%	
Rated Input Voltage	360V	
Max. Input Current	81A (2*40.5A)	
Max.Short Circuit Current	90A (2*45A)	
Start Input Voltage/ Min. Operating Voltage	250V/180V	
MPPT Operating Voltage Range	180V-750V	
MPPT Operating Voltage Range (Full-Load)	300V-680V	
Max. Number of PV Strings	6 (3/3)	
No. of MPPTs	2	
<b>Output (Grid)</b>		
Rated AC Active Power	16,000W	17,500W
Max. AC Apparent Power	18,000VA	20,000VA
Max. AC Output Current	3*42A	3*48A
Rated AC Voltage	220V, 3W+N+PE	
AC Voltage Range <sup>①</sup>	150V-300V (Adjustable)	
Rated Grid Frequency	60Hz	
Grid Frequency Range <sup>②</sup>	55Hz-65Hz (Adjustable)	
THDI	<3% (Rated Power)	
DC Current Injection	<0.5%In	
Power Factor	>0.99 Rated power (Adjustable 0.8 Leading - 0.8 Lagging)	
<b>Protection</b>		
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	
<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	
Dimensions (W*H*D)	555mm*446mm*270mm	
Weight	41Kg	
<b>HMI &amp; COM</b>		
Display	Wireless & APP+LED	
Communication	RS485, WiFi (Optional), GPRS (Optional)	
<b>Certification</b>		
Safety	IEC62109-1, IEC62109-2	
Grid Code	IEEE 1547, IEC 61727, IEC62116	
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.