



Products

On-Grid PV Inverter for Industrial and Commercial Use

## Three Phase & Dual MPPT

### SE 25/28/30KTL-D3

Application: Small-sized Industrial and Commercial Use

Region: EU



#### Superior Efficiency

- ◆ Max efficiency 98.2%, European efficiency 97.7%
- ◆ Ultra-wide voltage range (180V-950V)
- ◆ ECO Invention patent technology



#### High Reliability

- ◆ Integrated type II DC/AC surge arresters



#### Intelligent Maintenance

- ◆ Intelligent monitoring via APP & Web
- ◆ Multiple-string monitoring for easy trouble shooting (Optional)

Model	SE 25KTL-D3	SE 28KTL-D3	SE 30KTL-D3
<b>Efficiency</b>			
Max. Efficiency	98.20%	98.20%	98.20%
European Efficiency	97.70%	97.70%	97.70%
<b>Input(PV)</b>			
Max. Input Voltage	1000V		
Rated Input Voltage	620V		
Max. Input Current	2*37.5A		
Max.Short Circuit Current	84A(2*42A)		
Start Input Voltage/ Min. Operating Voltage	250V/180V		
MPPT Operating Voltage Range	180V-950V		
MPPT Operating Voltage Range (Full-Load)	480V-800V		
Max. Number of PV Strings	6(3/3)		
No. of MPPTs	2		
<b>Output(Grid)</b>			
Rated AC Active Power	25,000W	28,000W	30,000W
Max. AC Apparent Power	26,500VA	30,800VA	33,000VA
Max. AC Active Power (PF=1)	26,500VA	30,800W	33,000W
Max. AC Output Current	3*40A	3*45A	3*48A
Rated AC Voltage	380V/400V, 3W+N+PE		
AC Voltage Range*	277V-520V(adjustable)		
Rated Grid Frequency	50Hz/60Hz		
Grid Frequency Range**	45Hz-55Hz/55Hz-65Hz		
THDI	<3%(Rated Power)		
DC Current Injection	<0.5%In		
Power Factor	> 0.99 Rated power(Adjustable 0.8 LG - 0.8 LD)		
<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)	555*446*270mm		
Weight	40Kg		
<b>HMI &amp; COM</b>			
Display	Wireless & APP +LED, LCD(Optional)		
Communication	WiFi(Optional), RS485, GPRS(Optional)		
<b>Certification</b>			
Safety	IEC62109-1, IEC62109-2		
EMC	EN 61000-6-1, EN 61000-6-3		
Grid Code	VDE-AR-N 4105, IEC61727, IEC62116, VDE 0126-1-1, CEI 0-21		
Warranty	5 Years/10 Years(Optional)		

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