

Model	SE 6KTL	SE 8KTL	SE 10KTL	SE 12KTL	SE 15KTL
Efficiency					
Max. Efficiency	98.2%	98.2%	98.4%	98.4%	98.4%
European Efficiency	97.8%	97.8%	98.0%	98.0%	98.0%
Input(PV)					
Max. Input Voltage	1000V				
Rated Input Voltage	620V				
Max. Input Current	2*11A			22A+11A	
Max.Short Circuit Current	26A(2*13A)			39A(2*13A+13A)	
Start Input Voltage/ Min. Operating Voltage	200V/160V				
MPPT Operating Voltage Range	160V-950V				
MPPT Operating Voltage Range (Full-Load)	300V-800V	380V-800V	470V-800V	380V-800V	470V-800V
Max. Number of PV Strings	2(1/1)			3(2/1)	
No. of MPPTs	2				
Output(Grid)					
Rated AC Active Power	6,000W	8,000W	10,000W	12,000W	15,000W
Max. AC Apparent Power	6,600VA	8,800VA	11,000VA	13,200VA	16,500VA
Max. AC Active Power (PF=1)	6,600W	8,800W	11,000W	13,200W	16,500W
Max. AC Output Current	3*10A	3*13A	3*16A	3*18.2A	3*22.7A
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(Adjustable)				
THDI	<3%(Rated Power)				
DC Current Injection	<0.5%In				
Power Factor	> 0.99 Rated power(Adjustable 0.8 Leading - 0.8Lagging)				
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				
Insulation detection	Support				
Leakage current protection	Support				
General					
Topology	Transformerless				
IP Rating	IP65				
Night Self Consumption	<1W				
Cooling	Natural cooling				
Operating Temperature Range	-25°C-60°C				
Relative Humidity Range	0-100%				
Max. Operating Altitude	4000m				
Noise	<30dB				
Dimensions (W*H*D)	400*500*190mm				
Weight	18.9KG			21.8KG	
HMI & COM					
Display	Wireless & APP+LED, LCD(Optional)				
Communication	WiFi(Optional), RS485, GPRS(Optional)				
Certification					
Safety	IEC62109-1, IEC62109-2				
Others	IEC 60068, IEC 61683				
Grid Code	VDE-AR-N 4105, IEC61727, IEC62116, EN 50549, IEEE 1547, AS 4777				
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.