

MODELES SE 5KTL-D1, SE 6KTL, SE 8KTL, SE 10KTL, SE 12KTL, SE 15KTL

usage industriel



MODEL	SE 5KTL	SE 6KTL	SE 8KTL	SE 10KTL	SE 12KTL	SE 15KTL
Efficiency						
Max, Efficiency		98,20%			98,40%	
European Efficiency		97,80%			98,00%	
Input DC						
Max, DC usable power	6,000W	7,200W	9,600W	12,000W	14,400W	18,000W
Max, Input voltage	1000V					
Max, Input current	2×11A			(2×11A+11A)		
Min, Operating Voltage / Start input Voltage	160V/200V					
MPPT Operating Voltage Range	160V-850V					
MPPT Operating Voltage Range (Full-Load)	300-800V	300-800V	380-800V	470-800V	380-800V	470-800V
Max, Number of PV Strings	2(1/1)			3(2/1)		
No, of MPPTs	2					
Output (AC)						
Rated AC Active Power	5,000W	6,000W	8,000W	10,000W	12,000W	15,000W
Max, AC Apparent Power	5,500VA	6,600VA	8,800VA	11,000VA	13,200VA	16,500VA
Max, AC Active Power (PF=1)	5,500W	6,600W	8,800W	11,000W	13,200W	16,500W
Max, AC Output Current	8A	10A	13A	16A	19A	23A
Rated AC Voltage	380V, 3W+N+PE					
AC Voltage Range*	277Vac-520Vac (ajustable)					
Rated Grid Frequency	50Hz/60Hz					
Grid frequency Range**	45Hz-55Hz/55Hz-65Hz					
THDI	< 3%					
DC Current Injection	< 0,5%In					
Power Factor	> 0,99 Rated Power (ajustable 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					
Insulation detection	Support					
Leakage current Injection	Support					
General						
Topology	Transformerless					
IP Rating	IP65					
Cooling	Natural cooling					
Operating Temperature Range	25°C-60°C					
Relative Humidity Range	0-100%					
Max, Operating Altitude	4000m					
Noise	< 25dB					
Dimensions (W×H×D)	385mm×490mm×190mm					
Weight	19,8KG			21,8KG		
HMI & COM						
Display	Blue-tooth & LED indicator, LCD (optional)					
Communication	RS485, WIFI (optional), GPRS (optional)					
Certification						
Safety	IEC62109-1, IEC62109-2					
EMC	EN 61000-6-2, EN 61000-6-3, EN 61000-6-4 EN 61000-3-11, EN 61000-3-12					
Grid Code	VDE-AR-N 4105, IEC 61000, AS4777					

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