

SE 20KTL-D3 & PVW-SE 33KTL

Onduleur PV pour usage industriel



MODEL	SE 20KTL-D3	PVW-SE 33KTL
Efficiency		
Max, Efficiency	98,80%	98,80%
European Efficiency	98,40%	98,40%
Input DC		
Max, DC usable power	24,000W	36,000W
Max, Input voltage	1000V	1000V
Max, Input current	46A(2×23A)	69A(2×23A)
Min, Operating Voltage / Start input Voltage	250V	250V
MPPT Operating Voltage Range	200V-950V	200V-950V
MPPT Operating Voltage Range (Full-Load)	480V-850V	480V-850V
Max, Number of PV Strings	4(2/2)	6(2/2/2)
No, of MPPTs	2	2
Output (AC)		
Rated AC Active Power	20,000W	3,000W
Max, AC Apparent Power	22,000VA	3,150VA
Max, AC Active Power (PF=1)	22,000W	3,150W
Max, AC Output Current	30A	14,3A
Rated AC Voltage	380V, 3W+N+PE	380V, 3W+N+PE
AC Voltage Range*	277Vac-520Vac (adjustable)	277Vac-520Vac (adjustable)
Rated Grid Frequency	50Hz/60Hz	50Hz/60Hz
Grid frequency Range**	45Hz-55Hz/55Hz-65Hz	45Hz-55Hz/55Hz-65Hz
THDI	< 3%	< 3%
DC Current Injection	< 0,5%In	< 0,5%In
Power Factor	> 0,99 Rated Power (adjustable 0,8 LD-0,8 LG)	
Protection		
DC Switch		Sptional
Anti-islanding protection		Support
AC overcurrent protection		Support
AC short circuit protection		Support
DC reverse connection		Support
Surge Arrester		AC type II /DC type II
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		< 30dB
Dimensions (W×H×D)		550mm×715mm×284mm
Weight		53KG
HMI & COM		
Display	Blue-touth & 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 61727, AS4777	



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