

Solavita

SW 225KTL-T1

Three-Phase On-Grid Inverter



MODEL

SW225KTL-T1



Optional PID recovery



IP66 rated for outdoor use



Intelligent I-V scanning for precise localization to faulty strings



Support night SVG

Model		SW225KTL-T1
DC Input		
Max. Input Voltage [V]		1500
MPPT Voltage Range [V]		500–1500
Rated Voltage [V]		1160
Start-up Voltage [V]		550
No. of MPPT Trackers		8
No. of PV Strings per MPPT		3
Max. Input Current per MPPT [A]		30
Max. Short Circuit Current per MPPT [A]		50
AC Output		
Rated Output Power [W]		225000
Max. Output Apparent Power [VA]		247500
Max. Output Current [A]		180.5
Rated Grid Voltage [V]		3/PE, 800
Rated Grid Frequency [Hz]		50/60
Power Factor [cos φ]		1(+/-0.8,adjustable)
Efficiency		
Max. Efficiency		99.03%
EU Efficiency		98.55%
Protection		
DC Switch		Integrated
Insulation Resistance Monitoring		Integrated
Input Reverse Polarity Protection		Integrated
Anti-island Protection		Integrated
Residual Current Monitoring		Integrated
String Fault Detection		Integrated
DC Surge Protection		Optional (Type II)
AC Surge Protection		Optional (Type II)
PID Recovery		Optional
DC Arc Protection		Optional
Night SVG Function		Optional
General Data		
Dimensions (W*H*D) [mm]		1100.5*713.5*368
Weight [kg]		99
Display		LCD & Bluetooth + APP
Communication		RS485/PLC
Operating Temperature Range [°C]		-30~+60
Relative Humidity		0~100%
Operation Altitude [m]		≤4000, if >2000, Power Reduction Needed
Topology		Transformerless
Cooling Concept		Smart Fan-cooling
Ingress Protection		IP66

Ver: 202405-1