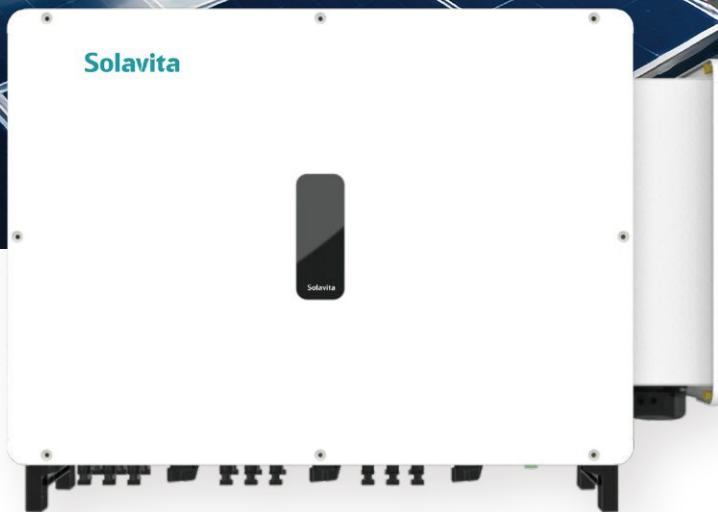


Solavita

SW 125KTL-T1

Three-Phase On-Grid Inverter



MODEL

SW125KTL-T1



AFCI Function



DC/AC Surge Protection: Type II



Support night SVG



Remote monitoring capabilities

Model		SW125KTL-T1
DC Input		
Max. Input Voltage [V]		1100
MPPT Voltage Range [V]		200-1000
Rated Input Voltage [V]		650
Start-up Voltage [V]		350
No.of MPPT		8
No.of PV Strings per MPPT		2
Max. Input Current per MPPT [A]		40
Max. Short Circuit Current per MPPT [A]		60
AC Output		
Rated Output Power [W]		125000
Max. Output Apparent Power [VA]		125000
Max. Output Current [A]		181.2
Rated Grid Voltage [V]		3L/N/PE; 220/380, 230/400
Rated Grid Frequency [Hz]		50/60
Power Factor [cos φ]		1 (+/-0.8, adjustable)
Efficiency		
Max. Efficiency		98.7%
EU Efficiency		98.5%
Protection		
DC Switch		Integrated
Anti-islanding Protection		Integrated
Output Over Current Protection		Integrated
AC Short Circuit Protection		Integrated
DC Reverse Polarity Protection		Integrated
Insulation Detection		Integrated
Residual Current Monitoring		Integrated
DC Surge Protection		Integrated (Type II)
AC Surge Protection		Integrated (Type II)
String Fault Detection		Optional
AFCI Function		Optional
Night SVG Function		Optional
PID Recovery		Optional
General Data		
Dimensions (W*H*D) [mm]		965*700*355
Weight [kg]		85
Display		LED, Bluetooth+ APP (LCD Optional)
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

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