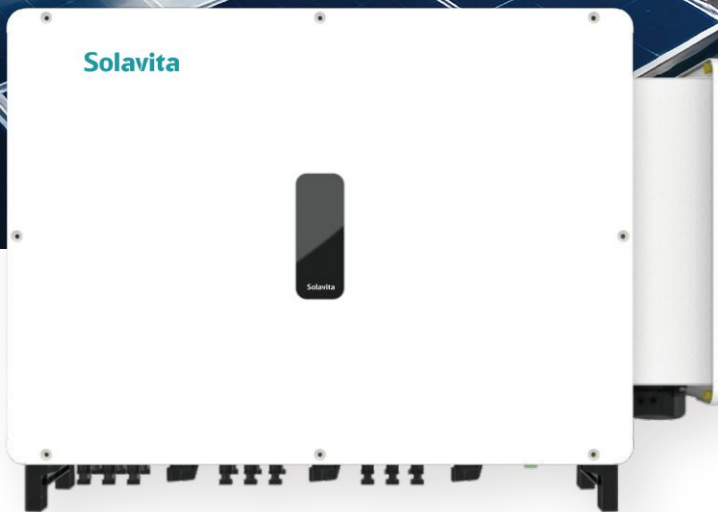


# Solavita

## SWG 125KTL-T1

Three-phase On-grid Inverter



### MODEL

SWG125KTL-T1



AFCI Function



DC/AC Surge Protection: Type II



Support night SVG



Remote monitoring capabilities

Model		SWG125KTL-T1
<b>DC Input</b>		
Max. Input Voltage [V]		1100
MPPT Voltage Range [V]		200~1000
Rated Input Voltage [V]		650
Start-up Voltage [V]		250
No.of MPPT		9
No.of PV Strings per MPPT		2
Max. Input Current per MPPT [A]		32
Max. Short Circuit Current per MPPT [A]		48
<b>AC Output</b>		
Rated Output Power [W]		125000
Max. Output Apparent Power [VA]		125000
Max. Output Current [A]		175.4
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)
<b>Efficiency</b>		
Max. Efficiency		98.99%
EU Efficiency		98.7%
<b>Protection</b>		
DC Switch		Integrated
Anti-islanding Protection		Integrated
Output Over Current Protection		Integrated
DC Reverse Polarity Protection		Integrated
String Fault Detection		Optional
DC/AC Surge Protection		DC Type II, AC Type II
AC Short Circuit Protection		Integrated
AFCl Function		Optional
Night SVG Function		Optional
PID Recovery		Optional
Insulation Detection		Integrated
Residual Current Monitoring		Integrated
<b>General Data</b>		
Dimensions (W*H*D) [mm]		965*700*355
Weight [kg]		83
Display		LED, Bluetooth+APP
Communication		4G/RS485
Operating Temperature Range [°C]		-30~+60
Relative Humidity		0~100%
Operation Altitude [m]		≤5000, if >3000, Power Reduction Needed
Topology		Transformerless
Cooling Concept		Smart Fan-cooling
Ingress Protection		IP66