

# Solavita

## SW 30/33 kW

Three-phase On-grid Inverter



### MODEL

SW030KTL-T1 | SW033KTL-T1



DC/AC Surge Protection: Type II



110% overloading



Supports remote firmware upgrades



Wide voltage range and low startup voltage

Model	SW030KTL-T1	SW033KTL-T1
<b>DC Input</b>		
Max. Input Voltage [V]		1100
MPPT Voltage Range [V]		160-1000
Rated Input Voltage [V]		600
Start-up Voltage [V]		200
No. of MPPT Trackers		3
No. of PV Strings per MPPT		2
Max. Input Current Per MPPT [A]		32
Max. Short Circuit Current Per MPPT [A]		40

<b>AC Output</b>		
Rated Output Power [W]	30000	33000
Max. Output Apparent Power [VA]	33000	36300
Max. Output Current [A]	48	52.6
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		98.6%
EU Efficiency		98.2%

<b>Protection</b>		
DC Switch		Integrated
Insulation Resistance Monitoring		Integrated
Input Reverse Polarity Protection		Integrated
Anti-island Protection		Integrated
Residual Current Monitoring		Integrated
AC Overcurrent Protection		Integrated
AC Short-Circuit Protection		Integrated
DC Surge Protection		Integrated (Type II)
AC Surge Protection		Integrated (Type II)
DC Arc Protection		Optional

<b>General Data</b>		
Dimensions (W*H*D) [mm]		475*415*220
Weight [kg]		24
Display		LED/APP
Communication		WiFi/GPRS/4G(Optional)
Operating Temperature Range [°C]		-25~+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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