

Solavita

SW 17/20/25 kW

Three-Phase On-Grid Inverter

Solavita



MODEL

SW017KTL-T1 | SW020KTL-T1

SW025KTL-T1



DC/AC Surge Protection: Type II



150% oversizing



Flexible optional monitoring modes



110% overloading

Model	SW017KTL-T1	SW020KTL-T1	SW025KTL-T1
DC Input			
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		2	
No. of PV Strings per MPPT		2	
Max. Input Current Per MPPT [A]		32	
Max. Short Circuit Current Per MPPT [A]		40	

AC Output			
Rated Output Power [W]	17000	20000	25000
Max. Output Apparent Power [VA]	18700	22000	27500
Max. Output Current [A]	27	32	40
Rated Grid Voltage [V]		3L/N/PE; 220/380, 230/440	
Rated Grid Frequency [Hz]		50/60	
Power Factor [cos ϕ]		1 (+/-0.8, adjustable)	

Efficiency	
Max. Efficiency	98.6%
EU Efficiency	98.2%

Protection	
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

General Data	
Dimensions (W*H*D) [mm]	405*375*213
Weight [kg]	23
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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