

SW 15/17/20/25 kW

Three-phase On-grid Inverter



MODEL

SW015KTL-T2 | SW017KTL-T2
SW020KTL-T2 | SW025KTL-T2



DC/AC Surge Protection: Type II



150% oversizing



Flexible optional monitoring modes



110% overloading

Model	SW015KTL-T2	SW017KTL-T2	SW020KTL-T2	SW025KTL-T2
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]			40	
Max. Short Circuit Current Per MPPT [A]			50	

AC Output				
Rated Output Power [W]	15000	17000	20000	25000
Max. Output Apparent Power [VA]	16500	18700	22000	27500
Max. Output Current [A]	25.1	27	32	40
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	98.6%
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 / RS485 / 4G (Optional)
Operating Temperature Range [°C]	-25~+60
Relative Humidity	0~100%
Operation Altitude [m]	≤4000 (>2000 derating)
Topology	Transformerless
Cooling Concept	Smart Fan-cooling
Ingress protection	IP66