

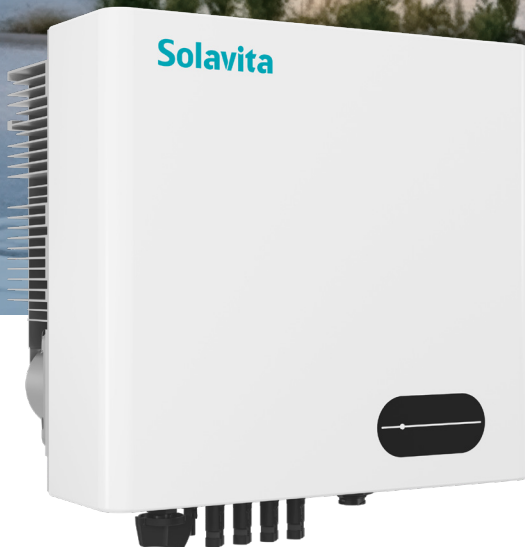
Solavita

A SKYWORTH Company

SV

10/12/15/17/20/25 kW

Three-phase On-grid Inverter



MODEL

SV010KTL-T1-BM22 | SV012KTL-T1-BM22
SV015KTL-T1-BM24 | SV017KTL-T1-BM24
SV020KTL-T1-BM24 | SV025KTL-T1-BM24



DC/AC Surge Protection: Type II



150% oversizing



Flexible optional monitoring modes



110% overloading

Model	SV010KTL-T1-BM22	SV012KTL-T1-BM22	SV015KTL-T1-BM24	SV017KTL-T1-BM24	SV020KTL-T1-BM24	SV025KTL-T1-BM24
DC Input						
Max. Recommended Input Power [W]	15000	18000	22500	25500	30000	37500
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	1	1	2			
Max. Input Current per MPPT [A]	20	20	40			
Max. Short Circuit Current per MPPT [A]	25	25	50			
AC Output						
Rated Output Power [W]	10000	12000	15000	17000	20000	25000
Max. Output Apparent Power [VA]	11000	13200	16500	18700	22000	27500
Max. Output Current [A]	15.9	19.1	25.1	27	32	40
Rated Grid Voltage [V]	3L/N/PE; 230/400, 220/380					
Rated Grid Frequency [Hz]	50/60					
Power Factor [cos ϕ]	1 (+/-0.8, adjustable)					
Efficiency						
Max. Efficiency	98.60%					
Euro Efficiency	98.20%					
Protection						
DC Switch	Integrated					
Insulation Resistance Detection	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)					
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					
Humidity	0 ~ 100%					
Operation Altitude [m]	≤ 4000 (> 2000 derating)					
Topology	Transformerless					
Type of Cooling	Smart fan-cooling					
Ingress protection	IP66					