

SW

15/17/20/25 kW

Three-phase On-grid Inverter

Solavita



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) |
| AFCI | 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 |
| Type of Cooling | Smart Fan-cooling |
| Ingress protection | IP66 |