



Solar Inverter 10KW

GS-10000-T



Three Phase

- Compact and Modern design
- Unmatched power density
- Safe design (Fanless and Fuseless)
- LVRT Function
- Built-in AC and DC protection module

- Highest efficiency (98.65%)
- Low failure rate
- Grade high quality component
- Intelligent Monitoring via smart phone

INPUT (DC)		OUTPUT (AC)	
Max. input power	13000 W	Rated output power	10KW
Max. input voltage	1000 V	Max. active power	10KW
Start-up voltage	180 V	Max. apparent power	10KVA
MPPT voltage range	200 - 950 V	Max. output current	14.5 A
MPPT voltage range at full load	470 - 850 V	Rated grid voltage	230V/400V, 3W+N+PE
Max. input current	11 / 11 A	Grid voltage range	176-276 Vac/ 304-480 Vac
Max. short circuit current	12 / 12 A	Rated grid frequency	50 / 60 Hz
Number of MPPTs	2	Grid frequency range	45 - 55 / 55 - 65 Hz
Number of DC inputs	A:1, B:1	THD	< 3% (rate power)
Efficiency		Power factor	> 0.99 (rate power)
Max. efficiency	98.65%	Power factor adjustable	0.8 leading ~ 0.8 lagging
European efficiency	98.2%		

Other

Protections	Islanding protection, output overcurrent/overvoltage protection, leakage current protection, DC reverse polarity protection, DC/AC surge protection, ground insulation resistance detection, DC switch, PID prevention and restoration (optional)
Communications	RS485, Wi-Fi(optional)/ Ethernet(optional), GPRS (optional)
Display	LED, Bluetooth (optional)
Self-consumption at night	<1W
IP rating	IP 65
Cooling	Natural cooling
Installation method	Wall-mounted
Body Material	Die Casting-Aluminum
Isolation	Transformerless
according to standards	IEC/EN 62109-1, IEC/EN 62109-2, VDE AR-N-4105, AS/NZS 4777.2, CEI 0-21, EN 50438, IEC61683, IEC61727, IEC62116, EN61000-6-1, EN 61000-6-2, EN61000-6-3, EN61000-6-4
Operating temperature	-25~+60(°C)
Relative humidity	0~100(%)
Altitude	2000m
Dimensions (L*W*H)	515*166.5*435(mm)
Weight	25Kg