



Grid-tied and off-grid Type Hybrid Solar Inverter

6000VA / 6000W

FEATURES :

- ◆ Smart Load Control.
- ◆ Suitable for grid-tied and off-grid applications.
- ◆ Supports multiple energy management strategies.
- ◆ A variety of protection functions, safe and reliable.
- ◆ With the integrated energy management system (EMS).
- ◆ With two maximum power point trackers (MPPT), the conversion efficiency is higher.
- ◆ Advanced battery management system, compatible with li-ion and lead-acid batteries.

Technical Data

MODEL		GS-6K-HB-EU
PV INPUT	Max. PV Input Power	9000 Wp
	Max. PV Input Voltage	d.c. 550V
	MPPT Voltage Range	d.c. 80-520V
	Max. PV Input Current	d.c. 2*19A
	Min. Start-up Voltage	d.c. 100V
	Isc PV (Absolute Max.)	d.c. 2*25A
BATTERY INPUT	Rated Battery Voltage	d.c. 48V
	Battery Voltage Range	d.c. 40 ~ 60V
	Max. Battery Charge Current	d.c. 120A
	Max. Battery Discharge Current	d.c. 120A
	Battery Type	Li-ion / Lead-Acid
GRID OUTPUT	Rated Grid Voltage	a.c. 230V
	Rated Grid Frequency	50Hz / 60Hz
	Rated Grid Output Active Power	6000 W
	Rated Grid Output Apparent Power	6000 VA
	Max. Grid Output Apparent Power	6000 VA
	Max. Grid Output Current	a.c. 26.1A
GENERATOR INPUT	Rated Voltage	a.c. 230V
	Rated Frequency	50Hz / 60Hz
	Generator Input Voltage Range	a.c. 176-280 Vac
	Rated Input Apparent Power	6000 VA
	Max. Input Apparent Power	6000 VA
	Max. Input Current	a.c. 26.1A
EPS OUTPUT	Rated Output Frequency	50Hz / 60Hz
	Rated Output Apparent Power	6000 VA
	Max. Output Apparent Power	6000 VA
	Max. Output Current	a.c. 26.1A
GENERAL INFO	Adjustable Cos (Φ)	0.8ind...0.8cap
	Operating Temperature Range	-25°C...60°C
	Inverter Topology	Non-Isolated
	Enclosure	IP66
	Protection Class	I
	Overvoltage Category	II (PV), III (MAINS)
	Weight (kg)	24
	Size (mm)	485*527*230