INVERTER

GPi-3000VA#24VPVT

GOOD POWER

High frequency Inverter



Features:

> High frequency inverter,lighter weight with higher efficiency
> Output power factor PF=1
> lithium battery activation start function with ac and solar mode
> Higher solar charging efficiency and battery protection
> Pure sine wave output, adaptable to different loads
> 500V high PV input
> Optional WIFI function
> Working with or without battery

Technical Specifications

Model		GPi-3000VA#24VPVT
Input	Phase	L+N+PE
	Nominal Voltage	208/220/230/240VAC
	Voltage Range	90-280VAC±3V (APL Mode) 170-280VAC±3V (UPS Mode)
	Frequency Range	50Hz/60Hz(Adaptive)
Output	Rated Power	**3000W**
	Output Voltage(AC)	208/220/230/240VAC±5%
	Output Frequency	50/60Hz±0.1%
	Waveform	Pure sine wave
	Transfer Time(Optional)	10ms for computer , 20ms for home appliances
	Peak power	6000VA
	Overload	Battery Mode: 1min@102%~110% Load 10s@110%~130% Load 3s@130%~150% Load 200ms@>150% Load
	Peak efficiency (battery mode)	>94%
Battery	Rated voltage	24Vdc
	Constant voltage charging voltage (Optional)	28.2Vdc
	Floating charge voltage (Optional)	27Vdc
charger	PV charging method	MPPT
	PV max input power	5000W
	MPPT tracking range	60~500Vdc
	Max PV input voltage	500Vdc
	Max PV charging current	100A
	Max AC charging current	60A
	Max charging current	100A
Display	LCD display	Operating mode/load/input/output, etc.
Communication port	RS232	5PIN/Pitch2.0mm, baud rate 2400
	Expansion & configuration port	2×5PIN/Pitch2.54mm, lithium battery BMS communication card, WIFI card, dry contact card, etc.
	Parallel interface	NO
Environmental parameters	Operating environment temperature	0~40℃
	Operating environment humidity	20%~95% (Non condensing)
	Storage temperature	-15~50℃
	Altitude	The altitude should not exceed 1000m, derating above 1000m, up to 4000m, refer to IEC62040
	noise	≤50db