



SOLAR INVERTER GD SERIES 3000W~11000W

Application



Features

- 
 Lithium Battery Auto-restart Function, More Convenient for Lithium Battery Charging
- 
 Intelligent Power Supply Mode, Intelligent Distribution of Solar Panel/Mains/Battery Power Shares
- 
 Utility Charging Voltage/PV Charging Voltage Adjustable, Match Different Battery Charging Requirements
- 
 Convenient Installation And Transportation
- 
 Battery Reverse Connection Protection with Fuse Switch, Safer Installation
- 
 PF1.0, High Efficiency, Lower Consumption, Energy Conservation/Environmental Protection/Electricity Saving/Cost Saving
- 
 Support Working without Battery: Reduce Solar System Cost
- 
 Communication Option: External WIFI, Supervise at Any Time
- 
 High Precision of Output Voltage, $\pm 5\%$, Take Care of Your Appliances

GD Series

Model		GD3024JMH	GD3624JMH	GD5548JMH	GD6248JMH	GD11048JMH
Input voltage	Input Formation	L+N+PE				
	AC Input	220/230/240VAC				
	Input Voltage Range	90-280VAC±3V	Normal Mode) 170-280VAC±3V			UPS Mode)
	Frequency	50/60Hz Adaptive)				
Output	Rated Power	3000W	3600W	5500W	6200W	11000W
	Output Voltage	220/230/240VAC±5%				
	Output Frequency	50/60Hz±0.1%				
	Output Wave	Pure Sine Wave				
	Transfer Time(Adjustable)	10ms, 20ms 10ms for Computer Equipment,20ms for Household Equipment				
	Peak Power	6000VA	7200VA	10000VA	12400VA	22000VA
	Overload Ability	Battery Mode : 21s@105%-150% Load 11s@150%-200% Load 400ms@>200% Load				
	Rated Voltage	24VDC		48VDC		
Battery	Constant Charging Voltage (Adjustable)	28.2VDC		56.4VDC		
	Float Charging Voltage (Adjustable)	27VDC		54VDC		
	Charging Method	MPPT				MPPT*2
Charger	Max PV Input	4200W	5500W	6200W	2x5500W	
	MPPT Tracking Range	120~500VDC	120~500VDC	120~500VDC	90~500VDC	
	Best VMP Working Range	300~400VDC	300~400VDC	300~400VDC	300~400VDC	
	MAX PV Input Voltage	500VDC	500VDC	500VDC	500VDC	
	MAX PV Input Current	18A				18A/18A
	MAX PV Charge Current	100A	100A	100A	150A	
	MAX AC Charge Current	60A	60A	80A	150A	
	MAX Charge Current	100A	100A	100A	150A	
Display	LCD	Can display operating mode/load/input/output				
Interface	RS232	5PIN/Pitch2.54mm, Baud Rate 2400				
	Expansion Slot Communication Interface	2×5PIN/Pitch2.54mm BMS WIFI Lithium Battery BMS Communication Card,WIFI 2×5PIN/Pitch2.54mm				
Ambient Temperature	Operating Temperature	-10°C~50°C				
	Storage Temperature	-15°C~60°C				
	Ork Altitude	1000m, 1000m , 4000m, IEC62040 No more than 1000m, If 1000m<,Rate power will lower, MAX 4000m, Refer to IEC62040				
	Operating Environment Humidity	20%~95% Non Condensing				
	Noise	≤50db				
Dimension	L*W*H (mm)	495*312*146mm				570*500*148mm
Standards and Certifications		EN-IEC 60335-1,EN-IEC 60335-2-29,IEC 62109-1				