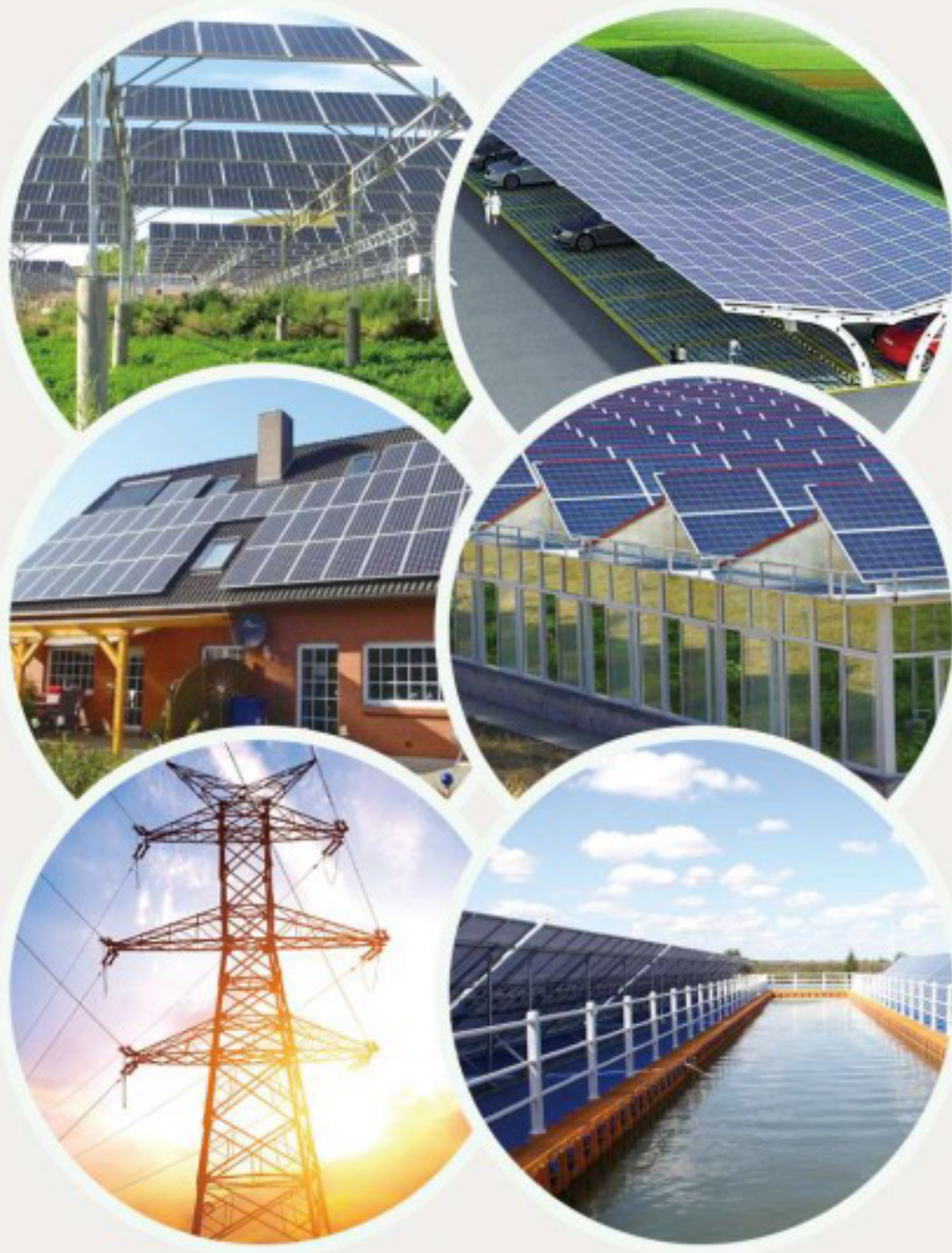




SOLAR INVERTER GD SERIES B
5500W~11000W

Application



Features

- Lithium Battery Auto-restart Function, More Convenient for Lithium Battery Charging
- Intelligent Power Supply Mode, Intelligent Distribution of Solar Panel/Mains/BatteryPower 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
- Parallel Function Up to Maximum 9 Units: Enlarge More Loads
- BMS function for lithium battery
- Communication Option: External WIFI, Supervise at Any Time

GD Series

Model		GD5548JMHB	GD6248JMHB	GD8648MHB	GD11048MHB
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	5500W	6200W	8600W	11000W
	Output Voltage	220/230/240VAC±5%			
	Output Frequency	50/60Hz±0.1%			
	Output Wave	Pure Sine Wave			
	Transfer Time(Adjustable)	10ms for Computer Equipment,20ms for Household Equipment			
	Peak Power	11000VA	12400VA	17200VA	22000W
	Overload Ability	Battery Mode：21s@105%~150% Load 400ms@>200% Load 11s@150%~200% Load			
Grid connected Operation	Output Voltage	220/230/240VAC			
	Grid Voltage Range	195~253VA			
	Grid Frequency Range	49~51±1Hz/59~61±1Hz			
	Output Current	23.9A	26.9A	34.7A	47.8A
	Power Factor Range	>0.99			
	(DC/AC) Conversion Efficiency	98%			
Battery	Rated Voltage	48VDC			
	Constant Charging Voltage（Adjustable）	56.4VDC			
	Float Charging Voltage（Adjustable）	54VDC			
Charger	PV Charging Method	MPPT	MPPT	MPPT*2	MPPT*2
	Max PV Input	5500W	6200W	2x5500W	2x5500W
	MPPT Tracking Range	120~500VDC	120~500VDC	90~500VDC	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/18A	18A/18A
	MAX PV Charge Current	100A	100A	150A	150A
	MAX AC Charge Current	60A	80A	120A	150A
	MAX Charge Current	100A	120A	150A	150A
Display	LCD	Can display operating mode/load/input/output			
Interface	RS232	5PIN/Pitch2.54mm,Baud Rate 2400			
	Expansion Slot Communication Interface	Lithium Battery BMS Communication Card,WIFI 2×5PIN/Pitch2.54mm			
	Parallel Interface	Support Parallel			
Ambient Temperature	Operating Temperature	-10℃~50℃			
	Storage Temperature	-15℃~60℃			
	Ork Altitude	No more than 1000m, If 1000m<,Rate power will lower, MAX 4000m, Refer to IEC62040			
	Operating Environment Humidity	20%~95% Non Condensing			
	Noisese	≤50db			
Dimension	L*W*H（mm）,mm)	495*312*146mm		570*500*148mm	
Standards and Certifications		EN-IEC 60335-1,EN-IEC 60335-2-29,IEC 62109-1			