



6-50kW Off-Grid Inverter

Feature:

- Digital control
- High impact resistance
- Self detected frequency
- Continuous output
- Perfect protection function
- Visualized LCD/LED display
- With AC power input function
- Accept customize service

Technical data:

Model		6~30KW Single Phase Inverter	2~50KW Three Phase Inverter
DC Input	Rated Voltage	192V	96V/192V/384V/480V/960V
	Number of Batteries	12V×16Pcs	12V×8Pcs/12V×16Pcs/12V×32Pcs/ 12V×40Pcs/12V×80Pcs
	Battery Type	Maintenance-free lead-acid Battey	
AC Input	Phase	Single-phase	Three-phase Five-wire
	Frequency	50Hz ± 5%	50/60Hz ± 5%
	Voltage Range	220VAC ± 20%	380VAC ± 20%
Inverter Output	Rated Power	6~30kW	(2~50) kW
	Rated Voltage	220VAC	380VAC
	Voltage Accuracy	220VAC ± 2%	380VAC ± 2%
	Frequency	50Hz/60Hz ± 1%	50/60Hz ± 1%
	Waveform Distortion	≤ 5% (Linear Load)	≤ 5% (Linear Load)
	Dynamic Response	5%	5%
	Crest Factor (CF)	3:1	3:1
	Inverter efficiency	87%	87%~94%
Switching Time		<200Ms	<200Ms
Alarm		LED Indicator alarms and LCD text alarms	
Charging Voltage		216±0.8V	108/216/432/530/1080±0.8V
Dielectric Strength		1500 VAC, 1min	
Cooling		Forced air cooling fan	



Solar Charge Controller 12V/1A-3A

Technical data:

ITEM	12V1A	12V2A	12V3A
PV Input Voltage	11Vdc-25Vdc		
PV Input Power	20W	30W	40W
DC Output Voltage	12V	12V	12V
DC Output Current	1A MAX	2A MAX	3A Max
No. of DC Output Plug(s)	2		
USB Output Voltage	5V		
USB Output Current	0.5A MAX		
No. of USB Output Plug(s)	1		
Physical Dimension(mm)	100*68*37		
Weight(Kg)	0.2		

Solar Charge Controller 24V-192V/15A-75A

Feature:

- Perfect protection for battery
- Intelligent control
- Visualized display
- PWM/MPPT control optional
- Accept customized service (OEM)

Technical data:

Model		HB24V-15A	HB24V-25A	HB24V-50A	HB48V-15A	HB48V-25A	HB48V-50A	HB96V-25A	HB96V-50A	HB96V-75A	HB192V-25A	HB192V-50A	HB192V-75A
Battery voltage		24V			48V			96V			192V		
Recommended capacity		50AH*2	100AH*2	150AH*2	50AH*4	100AH*4	150AH*4	100AH*8	150AH*8	300AH*8	100AH*16	150AH*16	300AH*16
PV charge controller	Max. short-circuit current	15A	25A	50A	15A	25A	50A	25A	50A	75A	25A	50A	75A
	Max. open-circuit voltage	55V			75V			250V			400V		
	Max. charging current	15A	25A	50A	15A	25A	50A	25A	50A	75A	25A	50A	75A
	Max. charging power	360W	600W	1200W	720W	1200W	2400W	2400W	4800W	7200W	4800W	9600W	14400W
	Charge control mode	MPPT charge/Constant voltage charge/Float charge											
	Max. efficiency	96.8%	97.5%	98.0%	97.5%	98.0%	98.2%	98.0%	98.5%	98.5%			
Environment	Operating ambient temperature	5℃~ +40℃											
	Operating humidity	≤90%, without condensation											
	Allowable max. altitude	1000m											
Protect function	Over-temperature protection threshold	75℃± 5℃											
	PV anti-reverse-connection protection	Protection against reverse connection											
	Overload protection	Limitable input power and charging current protection											
Panel display	Display mode	LED											
	Display content	PV state/Battery state/Working state/Charging mode											
Appearance	Physical Dimension	220mm*132mm*90mm											
	Weight(Kg)	1.5Kg		2.8Kg	1.5Kg		2.8Kg	5Kg					