



PV3000 Series Low Frequency Solar Inverter

Feature:

- Inbuilt MPPT solar charge controller 30A-60A
- Battery priority function
- 12V/24V/48V input optional
- Max. AC charge current 70A.(Optional)
- Inbuilt pure copper transformer
- Pure sine wave output
- LCD status display
- 50Hz/60Hz automatic
- RS232 with free CD(optional)

Introduction:

This is a multi-function inverter ,combining functions of inverter and mppt solar charger controller, solar charger and battery charger to offer uninterruptible power support with portable size. The comprehensive LCD display offers user-configurable and easy-accessible button operation such as battery charging current, AC/solar charger priority, and acceptable input voltage based on different applications.

LCD Display Information

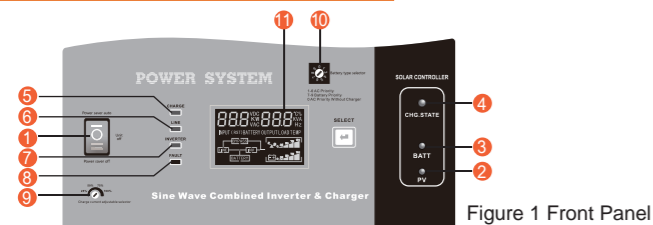
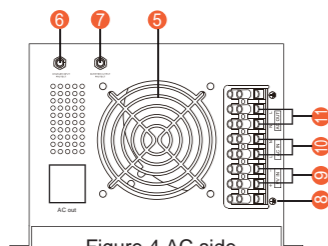
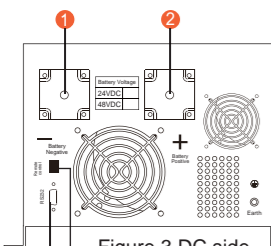


Figure 1 Front Panel

1. Switch	Power saver auto: Power on with saver mode(power saver ≅ 25W) Unit Off: Power totally off(If there is AC power,inverter have charger function) Power saver off: Power on without saver mode
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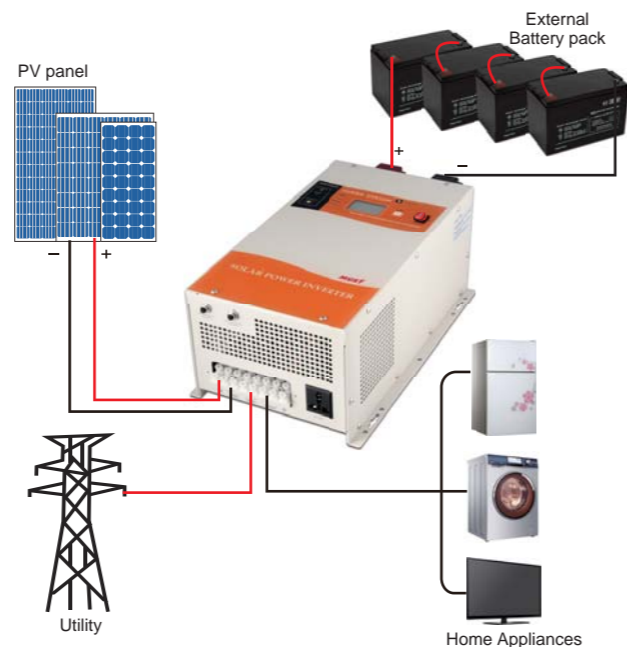
- | | |
|---------------------------------------|---|
| 2. PV PV voltage normal | 8. FAULT check inverter |
| 3. BATT Battery voltage normal | 9. CHG Charge current adjustable:25%,50%,75%,100%.
(Optional) |
| 4. CHG STATE Charging | 10. Battery type selector |
| 5. CHG ON Charge on | 11. LCD display |
| 6. AC ON AC power on | |
| 7. INVERTER inverter mode | |



- Figure 3 DC side
1. BAT“-"
 2. BAT“+"
 3. RS232 communication port
 4. Remote port
 5. FAN
 6. AC input/Bypass breaker

- Figure 4 AC side
7. AC output breaker
 8. GND
 9. PV input
 10. AC input
 11. AC output

Solar System Connection



Back Panel



Specification

MODEL	PV30-1KW	PV30-1.5KW	PV30-2KW	PV30-3KW	PV30-4KW	PV30-5KW	PV30-6KW																																																																																
NOMINAL	12VDC 24VDC	12VDC 24VDC	12VDC 24VDC	12VDC 24VDC	24VDC/48VDC	24VDC/48VDC	24VDC/48VDC																																																																																
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* Product specifications are subject to change without further notice.

Approximate Back-up Time Table

Power Rate(w)	backup time(H) @1*100Ah	backup time(H) @2*100Ah	backup time(H) @4*100Ah	backup time(H) @4*200Ah	backup time(H) @8*200Ah
1000	0.4806	1.602	3.50304	7.6896	
2000	0.2136	0.4806	1.602	3.50304	7.6896
3000	0.1068	0.2848	0.8544	2.136	4.8416
4000		0.2136	0.4806	1.602	3.50304
5000		0.12816	0.34176	1.19616	2.73408
6000		0.1068	0.2848	0.8544	2.136