



PV3000 MPK Series Low Frequency Off Grid Solar Inverter

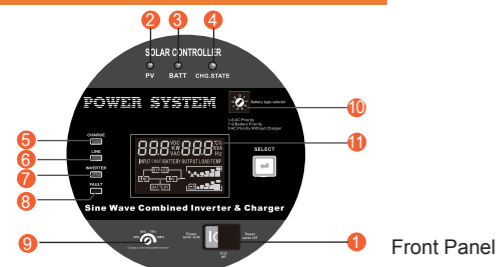
Feature:

- Rated power 1kw to 6kw
- Pure sine wave output
- Powerful charge rate up to 70Amp
- Built-in MPPT solar charge controller 40A/60A
- MPPT efficiency max 98%
- Built-in pure copper UI transformer
- DIP Switch offer customized performance
- High Efficiency Design & "Power Saving Mode" to Conserve Energy
- Supporting RS232 communication, AGS, BTS port
- Remote control panel (optional)
- Compatible to generator

Introduction:

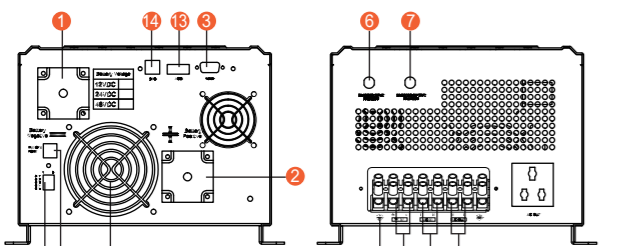
This is a multi-function inverter, combining functions of inverter and mppt solar charger controller, solar charger and battery charger to offer uninterruptible power support with portable size. The comprehensive LCD display offers user-configurable and easy-accessible button operation such as battery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

LCD Display Information



1. Switch	Power saver auto: Power on with saver mode(power saver \leq 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 voltage normal | 8. check inverter |
| 3. Battery voltage normal | 9. Charge current adjustable: 25%, 50%, 75%, 100% (Optional) |
| 4. Charging | 10. Battery type selector |
| 5. AC Charge | 11. LCD display |
| 6. AC power on | |
| 7. inverter mode | |



- | | |
|-----------------------------|------------------------------|
| 1. BAT ⁻ | 8. GND |
| 2. BAT ⁺ | 9. PV1 input |
| 3. RS232 communication port | 10. AC input |
| 4. Remote port | 11. AC output |
| 5. FAN | 12. Function switch(SW1~SW5) |
| 6. AC input/Bypass breaker | 13. AGS |
| 7. AC output breaker | 14. BTS |

Solar System Connection



Back Panel



Specification

MODEL	PV30-1KW MPK	PV30-1.5KW MPK	PV30-2KW MPK	PV30-3KW MPK	PV30-4KW MPK	PV30-5KW MPK	PV30-6KW MPK																																																																																
Nominal Battery System Voltage	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