



## IPV 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

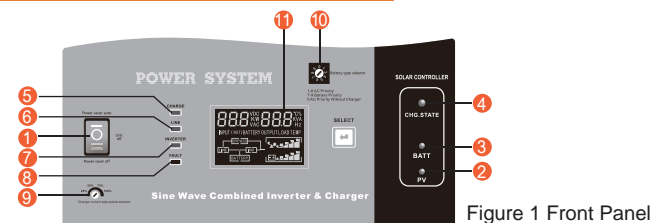


Figure 1 Front Panel

1. Switch	Power saver auto: Power on with saver mode(power saver $\leq$ 25W)
	Unit Off: Power totally off(If there is AC power, inverter have charger function)
	Power saver off: Power on without saver mode

- |                                       |  |
|---------------------------------------|--|
| 2. <b>PV</b> PV voltage normal        | 8. <b>FAULT</b> check inverter                                       |
| 3. <b>BATT</b> Battery voltage normal | 9. <b>CHG</b> Charge current adjustable:25%,50%,75%,100%. (Optional) |
| 4. <b>CHG STATE</b> Charging          | 10. Audible Alarm  |
| 5. <b>AC ON</b> AC power on           | 11. LCD display  |
| 6. <b>AC OFF</b> AC power on          |  |
| 7. <b>INVERTER</b> inverter mode      |  |

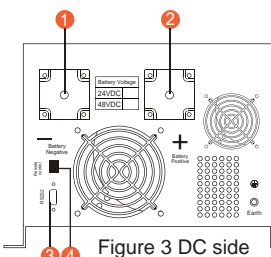


Figure 3 DC side

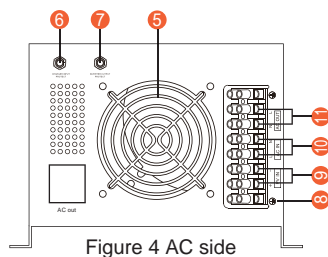
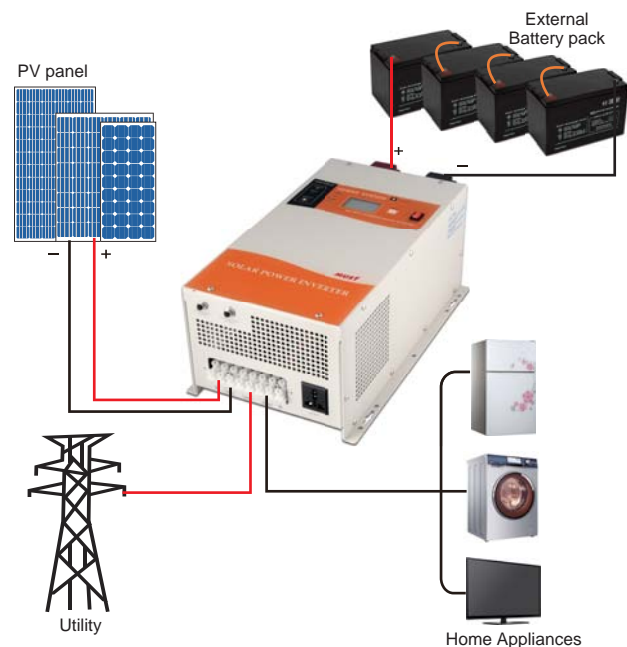


Figure 4 AC side

- |                             |                      |
|-----------------------------|----------------------|
| 1. BAT"-                    | 7. AC output breaker |
| 2. BAT"+                    | 8. GND               |
| 3. RS232 communication port | 9. PV1 input         |
| 4. Remote port              | 10. AC input         |
| 5. FAN                      | 11. AC output        |
| 6. AC input/Bypass breaker  |                      |

### Solar System Connection



### Back Panel



### Specification

MODEL	IPV1KW	N/A	IPV2KW	IPV3KW	N/A	IPV5KW	IPV6KW																																																																																						
<b>Default Battery System Voltage</b>	12VDC 24VDC	12VDC 24VDC	12VDC 24VDC	12VDC 24VDC	12VDC 24VDC	24VDC/48VDC	24VDC/48VDC																																																																																						
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\* Product specifications are subject to change without further notice.