

## EP3000 Pro Series Low Frequency Power Inverter

### Feature:

- Rated power 1kw to 6kw
- Pure sine wave output
- 3 times surge power
- Wide frequency 40Hz-80Hz
- Overload and short circuit protection
- Built-in pure copper UI transformer
- Smart battery charger designed for optimized battery performance
- Cold start function
- Support RS232 monitoring function with free CD
- Support BTS and AGS function
- DIP Switch offer customized performance
- Remote Control Panel (optional)
- Solar priority function
- Compatible to generator

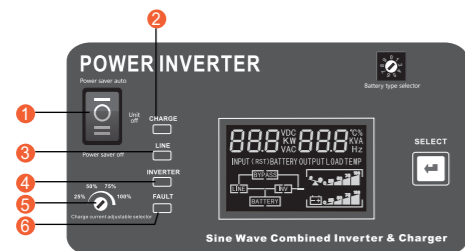
### Back Panel



### Introduction:

EP3000 Pro series is a very economical pure sine wave inverter with AC charger from 35A to 70A .Solar /AC priority configurable . When solar priority , When solar charging current is lower then utility, the AC will supply to charge batteries, to optimize charging the. With pure copper transformer inside, which let it be suitable for all kinds of home appliance.

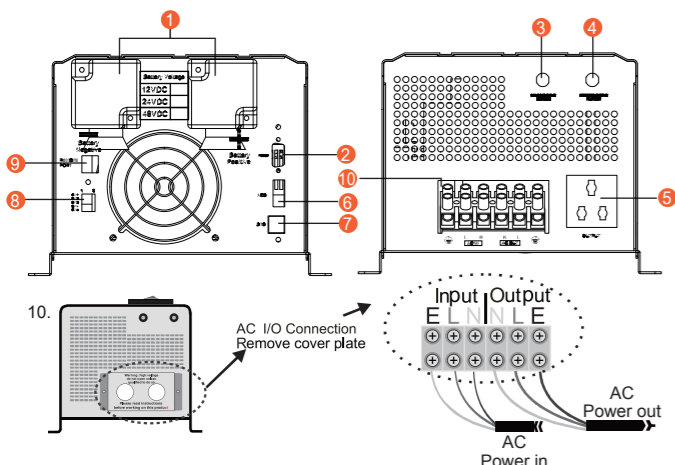
### LCD/LED Display Information



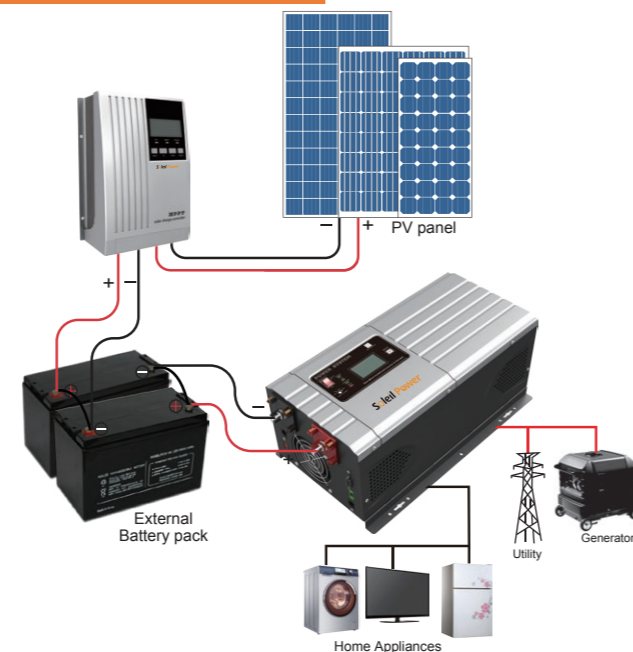
1. Switch	Power saver auto: Power on with saver mode(power saver ≤25W)
	Unit Off: Power totally off(If there is AC power,inverter have charger function)
	Power saver off: Power on without saver mode

- |                         |   |
|-------------------------|---|
| 2.  AC Charge Indicator | 4.  Inverter Indicator                                    |
| 3.  AC power Indicator  | 5.  Check inverter  |
|                         | 6.  Charge current adjustable:25%,50%,75%,100%.(Optional) |

### Solar System Connection



- |                             |                         |
|-----------------------------|-------------------------|
| 1. Battery input            | 6. AGS                  |
| 2. RS232 communication port | 7. BTS                  |
| 3. Charger Input Protect    | 8. DIP Switch (SW1-SW5) |
| 4. Inverter Output Protect  | 9. Remote control       |
| 5. Output 10A MAX           |                         |



### Specification

MODEL	EP30-1KW PRO	EP30-1.5KW PRO	EP30-2KW PRO	EP30-3KW PRO	EP30-4KW PRO	EP30-5KW PRO	EP30-6KW PRO																																																																																
<b>Nominal Battery System Voltage</b>	12VDC   24VDC	12VDC   24VDC	12VDC   24VDC	12VDC   24VDC	12VDC   24VDC	24VDC   48VDC	24VDC   48VDC																																																																																
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### 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