

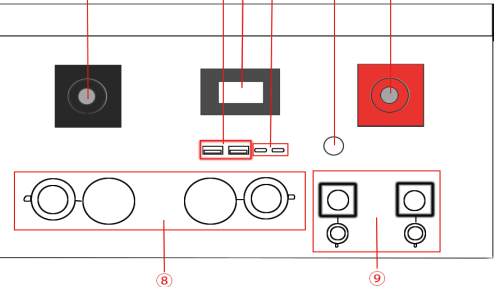


12V Vehicle Power Installation and Operation Manual

Interface Introduction	Function Area 1
	 <p>① 50A Input / Output</p>
	<p>Function Area 2</p>
	 <p>② Battery - ⑥ Battery Switch ③ USB ⑦ Battery + ④ Display ⑧ 12V 20A Output ⑤ Type-C ⑨ PV Input (need connect with MPPT)</p>

1. Parameter

1.1 Battery Parameter

Model	CON-VP100	CON-VP150	CON-VP200
Battery rated voltage	12.8V		
Max. charge voltage	14.6V		
Battery capacity	100Ah	150Ah	200Ah
Max. charge current	100A		
Max. discharge current	50A		
Battery type	LiFePO4		
Protection system	Overcharge/discharge, short-circuit, high temperature		
Operating temperature	-20°C ~ 60°C		

1.2 Input / Output Parameter

Input Parameter		Output Parameter	
① 50A Input / Output	12.8V 50A	⑥ Battery Switch	ON / OFF
② Battery —	12.8V 100A	⑦ Battery +	12.8V 100A
③ USB	5V 2A	⑧ 12V 20A Output	12V 20A
④ Display	/	⑨ PV Input	MPPT current (MPPT set is LiFePO4 mode, output 14.6V)
⑤ Type-C	5V 2A		

2. Use Step

2.1 DC Output

- a) Please refer to the content of '1.2 Input / Output Parameter' when using this product.
- b) Turn on '⑥BAT Switch', then 'Function Area 1' and 'Function Area 2' can be used.
- c) '⑦Battery +' and '②Battery -' are in a charged state, please don't touch or connect them.
- d) When the system is not in use, please turn off '⑥BAT Switch' on time.

2.2 Connect with inverter

- a) Please confirm '⑥BAT Switch' is in 'OFF' state.
- b) Connect '① Battery +' to inverter positive terminals, and '② Battery -' to inverter negative terminals respectively.
- c) It is strictly prohibited to reverse connect the positive and negative poles.

2.3 Charging system

- a) Please make sure that Inverter AC charge cable and AC main is connected, and then the battery pack starts charging.
- b) If the battery voltage is 14.6V or the percentage is 100%, the battery pack is fully charged.

3. Warning

- ① Do not connect the positive and negative terminals of the battery.
- ② Do not incinerate, burn, collide, squeeze or disassemble.
- ③ Do not short circuit the product.
- ④ Do not overcharge or over discharge.
- ⑤ Do not operate the battery over the standard operating voltage, current or temperature.



**CONSULT THE USERS MANUAL BEFORE
OPERATING THE BATTERY !**

Certification	
Inspector	
M.O.D	

Contact Us

After sale service:

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