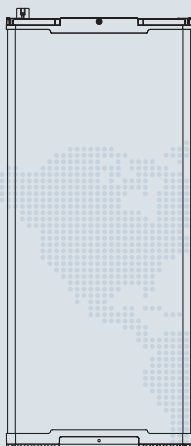


120×190mm, R5

KAPSUN



Recommend charging method declared:
Charging the battery with 120A constant current and 58.4V constant voltage until the current reduces to 1A at ambient 20°C±5°C

Lithium Iron Phosphate Batteries

Date:

Name: LITHIUM ION BATTERIES

Model: BCT-3ph-48-300

Nominal capacity: 300Ah

Nominal voltage: 51.2V

Electric quantity (kWh): 15.36kWh

IFpP59/146/417/[16S]M/-20+50/N/A

Continuously use input current: 120A

Continuously use output current: 120A

Full charge voltage: 58.4V

Discharge cut-off voltage: 44V-46V

Depth of discharge: >80%

CAUTION:



Read installation manuals before operating this product.



Never use or keep the battery under the high temperature.



Don't lift the subrack by gripping the front panel!



Never throw the battery into water, please keep it under dry when not use.



Risk of fire and burns. Do not open, crush, heat above 60°C or incinerate. Follow manufacturer's instructions.



If the battery pack has been stored for 6 months, it must be replenished in time to reach 50% SOC.

WARNING:

1. It is forbidden to use any high-voltage to charge it. The open circuit voltage of 12V battery pack can not exceed 14.6V, 24V battery pack can not exceed 29.2V and 48V battery pack can not exceed 58.4V. The maximum open circuit voltage of solar panel can not exceed twice of the voltage of battery.
2. Please use a MPPT controller with lithium iron phosphate battery mode.
3. The output must have high-voltage isolation function when using high-voltage MPPT controller.
4. When the source voltage of the charging terminal is higher than the open circuit voltage of the battery pack used, in order to prevent the failure of the voltage conversion device in the middle and cause overcharging of the battery. The high-voltage circuit breaker with charging protection function must be connected between the charging controller and the battery.
5. 12V battery pack, maximum support 4 battery packs in series, the highest charging voltage of 4 battery packs in series is less than 58.4V, and the highest charging voltage of 2 battery packs in series is less than 29.2V. 24V battery pack, maximum support 2 battery packs in series, the highest charging voltage of 2 battery packs in series is less than 58.4V. 48V battery pack, it is forbidden to use in series. Ensure the batteries are discharged to empty condition or fully charged before connecting them in series. No matter the user make battery in Series OR parallel connections, require consistent the voltages.
6. It is forbidden to connect the positive and negative poles reversely and short circuit the positive and negative poles of the battery pack; The overload is strictly prohibited.
7. The battery pack should not be used in severe vibration scenarios.
8. It is strictly prohibited to put in water and clean the battery pack, and do not place the product in the outdoor exposed place for a long time to prevent rain or moisture.
9. It is forbidden to use or place the battery at high temperature. If battery is used for a long time, the recommended optimal ambient temperature is 10-40°C.
10. The battery should not be placed in the room where any combustible gas or flammable items are stored, and should be used in a clean, dry and ventilated environment.
11. It is strictly prohibited to knock, throw, reverse or trample on the battery pack. It is strictly prohibited to use the battery pack when the appearance is seriously damage (artificial knocking, scraping, falling from height, unauthorized disassembly of the products, etc.).
12. It is strictly forbidden to dump or invert the product.

Please strictly following the above operating rules when using the battery pack.

Made in China