

Product Description



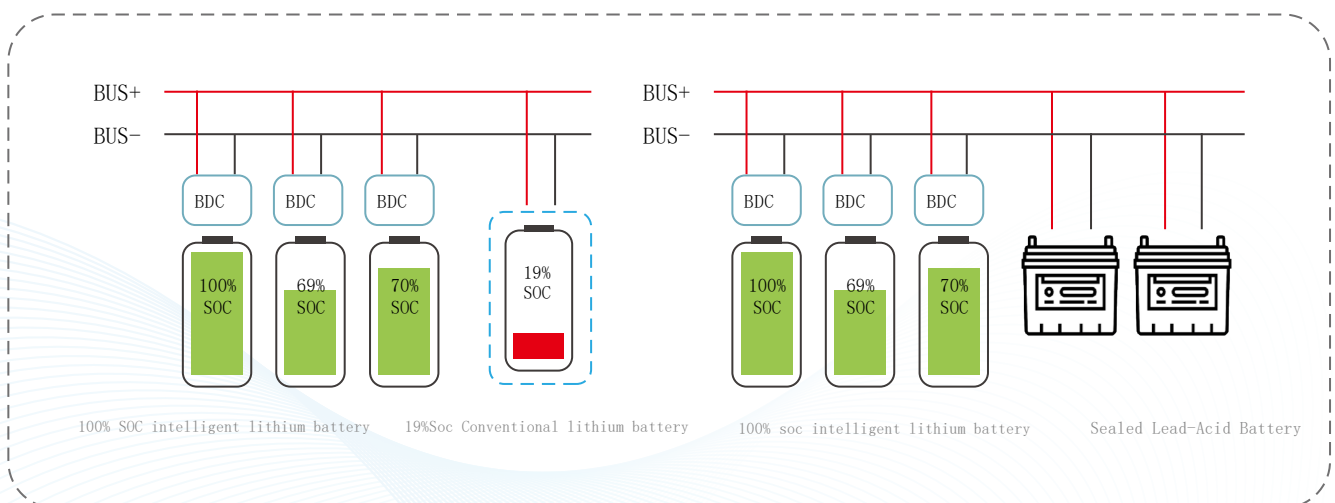
The product supports the autonomous control of battery charging and discharging voltage/current, which solves the bias current and circulation problems of parallel lithium battery system;

It supports the mixture of old and new lithium batteries and the intelligent mixing and matching of lithium lead-acid, and can participate in the intelligent peak cutting and cross-peak power consumption

Product Product Features

- Integrated BMS built-in BDC function;
- Zero circulation and bias flow in parallel;
- Built-in aerosol fire protection;
- Support parallel use with lead acid, support new and old lithium electric parallel use;
- Supports multiple working modes;

Application topology

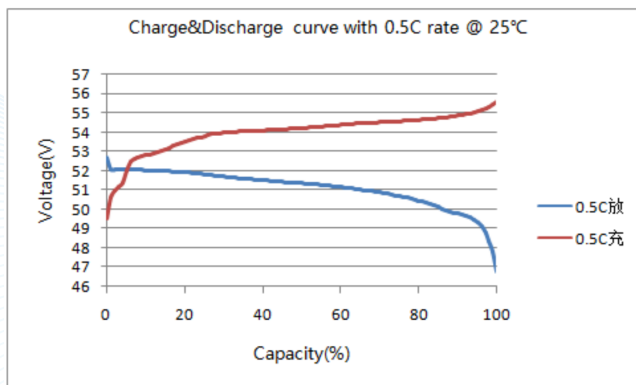


The new generation of intelligent lithium batteries can not only fully solve the problem of parallel available capacity of lithium batteries with different capacities, but also can be used together with lead-acid batteries.

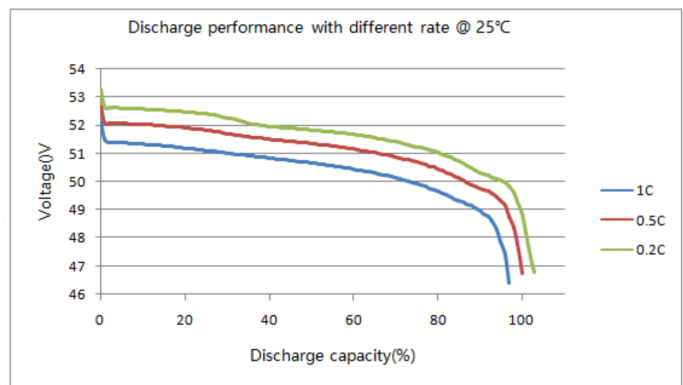
产品型号	HEB48V200-P
Battery Type	LFP
Nominal Voltage[V]	48
Energy Capacity[kwh]	9.6kWh @0.5C, 25 °C
Dimension [W*D*H, mm]	600*180*1200
Rated Output Voltage[V]	56.4
Output Voltage Range [V]	40~58 (support constant voltage output)
Output Power [W]	9600
Max Out current[A]	180 / 200
Weight [Kg]	106
Cycle Life	3,500次 (25 °C, 0.5C, 90%DOD, 70%EOL)
Communication Interface	RS485/CAN
Max Parallel Quantity	16 (CAN) , 8 (RS485)
Equilibrium Mode	Balanced current
Balanced Current [mA]	100
Cooling Mode	Air cooling
IP Grade	IP65
Installation Method	Floor model
Fire Fighting Mode	Built-in aerosol
Working Temperature [°C]	Charge: 0~45, Discharge: -20~45
Storage Temperature [°C]	0~40
Relative Humidity	5%~95%
Protection and Alarm	Overcharge protection, over-discharge protection, over current , etc
Design Life	10 years
Work Mode	Battery characteristic discharge output mode, peak clipping mode, off-peak mode, etc
Optional Accessories	Anti-theft function

Performance curve

Battery charging and discharging curve



Battery characteristic discharge curve



* The above data may be updated, and the actual data shall prevail