



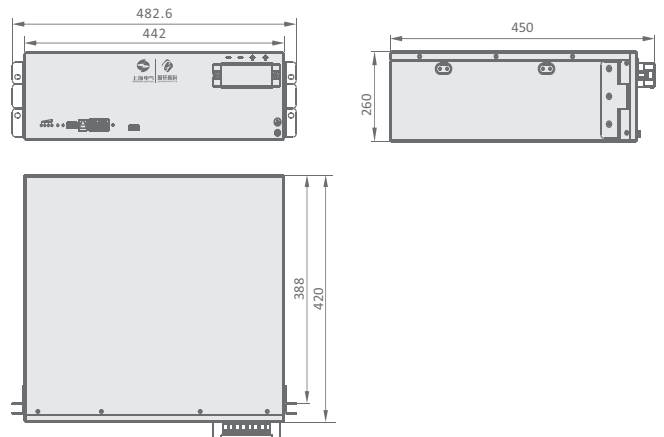
SEG48200

SEG48200 is a light 48V200Ah 5U LiFePO4 battery module with high energy density which supports 19-inch rack installation. It has a long-service life and it supports fast charge/discharge.

Battery Management System (BMS)

It adopts advanced intelligent BMS with alarm and protection functions such as overcharge/discharge, max current control, thermal runaway control, etc. It can also record the voltage, current and regular operating data.

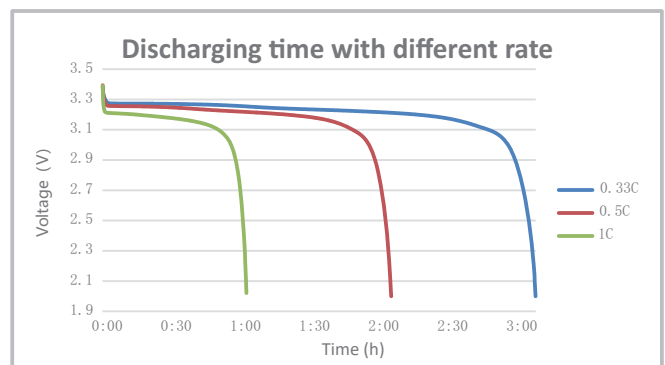
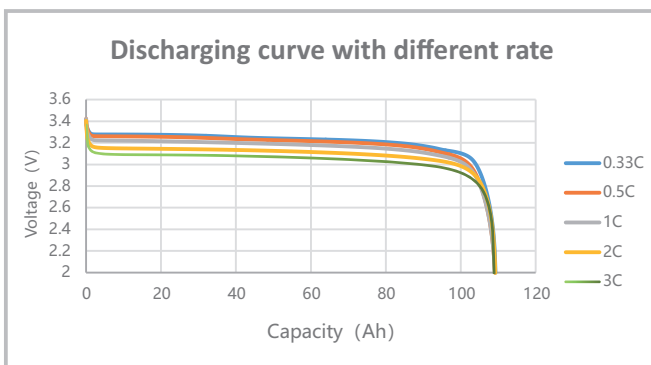
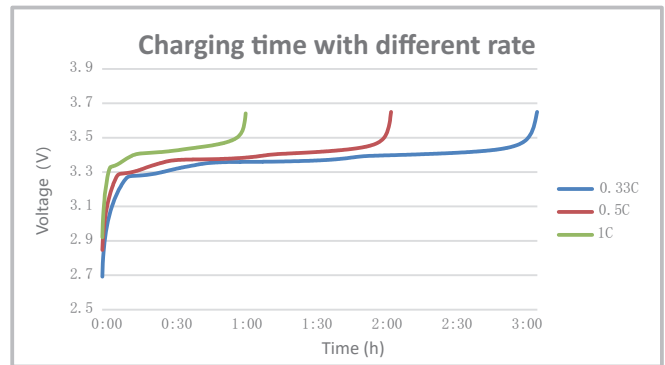
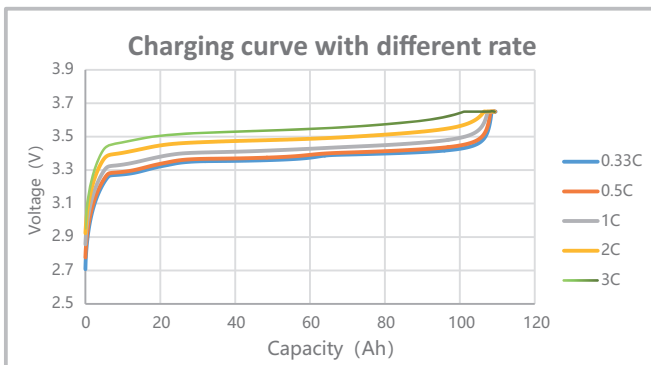
- Excellent performance in harsh conditions
- Protection functions of voltage, current & temperature
- Easy O&M
- 15 years design life
- Applications:
 - Backup power supply for telecommunications
 - Renewable energy on-grid/off-grid/hybrid system
 - UPS
 - Others



Specifications & Parameters

Parameters	
Items	Indicates
Cell Combination	2P15S
Rated Capacity	200Ah (0.2C to 40.5V @ 25°C)
Rated Energy	9600Wh
Width × Depth × Height	442mm × 420mm × 260mm
Weight	84kg ± 2kg
Operating Voltage Range	40.5V ~ 54.75V
Max Charge/Discharge Current (Continuous)	50A / 100A
Cycle Life	3000 times @0.5C, 80% DOD
Charge Temperature Range	0°C ~ 55°C
Discharge Temperature Range	-20°C ~ 60°C
Optimal Storage Temperature	0°C ~ 30°C
Communication Interface	RS232 / RS485
Protection Class	IP20
Self-Discharge Rate@25°C	< 2% / month
Other Function	Current Limiter / Data logger / Cell balancing / Software lock
Options	LCD screen / Anti-theft / Terminal size / Dry contact
Communication In Parallel	15 modules in parallel maximum

Performance curves



Disclaimers of warranties:

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All product outward appearance, the color take the material object as, the picture only supply the reference.