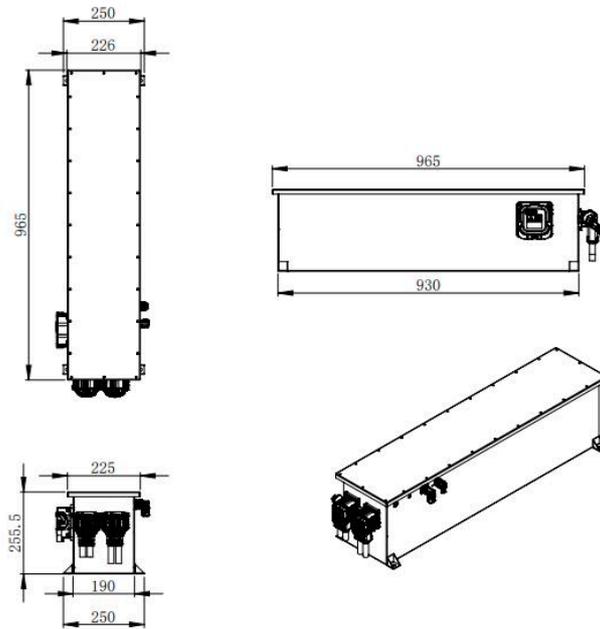


Product Features

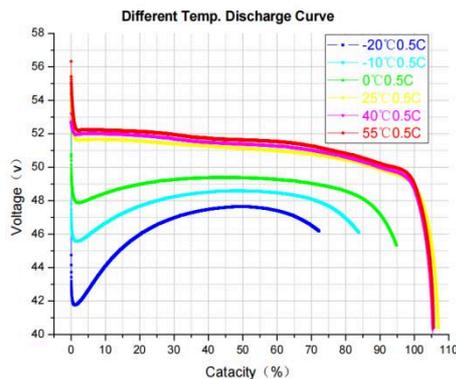
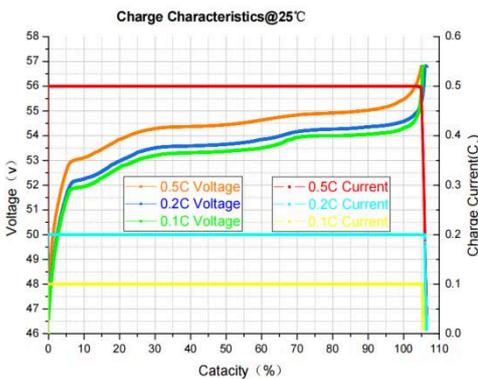
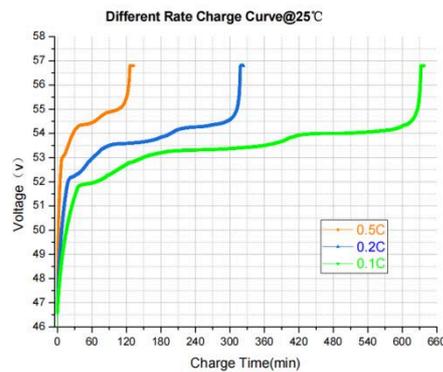
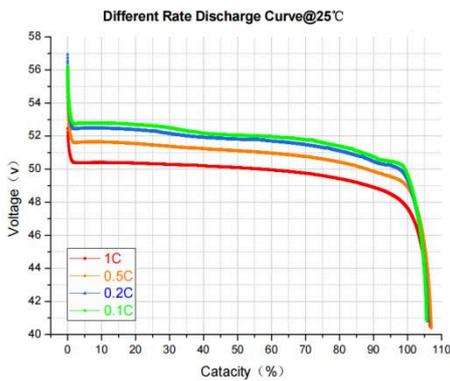
- Applied to power supplies.
- Protection against over-current, overcharge, over-discharge, overheating, excessive voltage drop, short circuit, and insufficient charge.
- Long cycle life, wide operating temperature range, can replace lead-acid batteries.
- 307.2V output, power limited to 120 KW
- LCD display (Options)

| Parameter information | |
|--|-----------------------------------|
| Battery type | LiFePO4 |
| Usable Capacity | 6144 Wh @C2, 25°C |
| Rated Voltage | 307.2VDC |
| Rated Capacity | 20Ah |
| Operating Voltage Range | 220VDC – 350 V DC |
| Charge Temperature | 0°C – 60°C |
| Discharge Temperature | -20°C – 60°C |
| Cycle life@ 80% DoD | > 1500 cycles (4915.2Wh@C2, 25°C) |
| Dimensions(mm) | 965mm x 250mm x 256mm (W x D x H) |
| Weight (kg) | 65kg |
| Charge current (max.) | continuous10A (25°C) |
| Peak discharge current (max.) | 400A (10s)(25°C) |
| Over-charge protection | 3.6V |
| Over-charge release | 3.40V |
| Over-discharge protection | 2.30V |
| Over-discharge release | 2.50V |
| Over-current protection | 300A |
| Over-current delay | 10 S |
| Charging over-temperature protection | 55°C |
| Charging under-temperature protection | 0°C |
| Discharge over-temperature protection | 60°C |
| Discharge under-temperature protection | -20°C |
| Self-discharge Rate | < 3% per month |
| IP-Protection | IP65 |

Dimension



Performance information



Points for Attention

- Do not short-circuit battery.
- It is forbidden to put the LCD screen(optional) in the sun,which is easy to damage the parts.
- Long-term storage,check the power in time at least every 3 months. When the battery power is less than 10%, please charge it to more than 30%(soc \geq 30%) in time.
- It is forbidden to directly immerse,the battery in water, and it is forbidden to wash the outside.
- 15~45℃ charging temperature is suggested, which is beneficial to better play the battery performance.