

48V/51.2V Energy Storage Battery System Solutions



Specification

| Model | THS10-48V200AH | THS10-51.2V200AH |
|------------------------------|---|------------------|
| Material system | LiFePO4 | |
| Nominal voltage | 48V | 51.2V |
| Max.charge/discharge current | 200A | |
| Rated capacity | 200AH | |
| Rated energy | 9.6KWH | 10.24KWH |
| Size(mm) | 580*482*235 | |
| Weight | 90±2kg | 94±2kg |
| Design life | ≥10 years | |
| Max. charging voltage | 54.0V | 57.6V |
| Discharge cut-of voltage | 37.5~42.0V | 40.0~44.0V |
| Cycle times | ≥6000 Cycles(@80%DOD,25°C) | |
| Charging temperature range | 0°C~55°C(working below 0°C will affect the performance of battery capacity) | |
| Discharge temperature range | -20°C~55°C(working below 0°C will affect the performance of battery capacity) | |
| Storage environment | 0°C~45°C@60±25% Relative Humidity | |
| IP Class | IP21 | |
| BMS Balanced approach | Active balancing | |
| Communication | RS232-PC, RS485(B)-PC, RS485(A)-Inverter, Canbus-Inverter, Bluetooth & Wifi(Matching) | |
| Certification | CE,UN38.3,MSDS | |

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