

Rack Mounted Battery Series- TG-RACK Hot



▲ This picture is for reference only, subject to the real thing !



Popular Product: Hot sale with 70,000+ units sold.



Authoritative Certification: IEC62619, CE - EMC, UL1973



Cost Advantage: Utilizing annual procurement and own factory casing production for cost advantages.



Proven Performance: Over 5 years of usage validation with excellent operation, safety, stability, and reliability

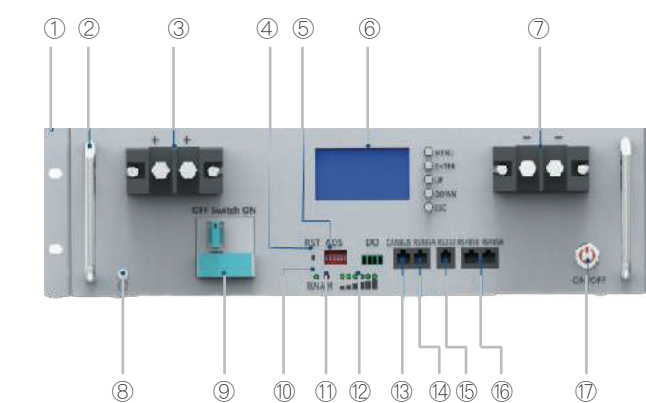


Multiple Choice: A variety of design are available for selection



Compact Design: 3U standard size, save shipping cost and installation space for end customer

| Model | TH-51100R-Plus |
|---------------------------------|---|
| Nominal Voltage | 51.2V |
| Cell model/Configuration | 3.2V 100Ah(ANC)/16S1P |
| Capacity(Ah) | 100AH |
| Rated Energy(KWH) | 5.12KWH |
| Max.Charge/Discharge Current(A) | 50A/100A |
| Voltage Range(Vdc) | 43.2-58.4V |
| Communication | RS232-PC,RS485(B)-BAT RS485(A)-Inverter,Canbus-Inverter |
| Cycle Life | ≥6000 cycles@25°C, 80% DOD, 60%EOL |
| Design Life | ≥15Years(25°C) |
| Weight(Approx) (KG) | 48kg |
| Dimension (W/D/H)(mm) | 483*480*133mm |
| Installation Mode | Rack |
| IP Grade | IP21 |
| Safety(Pack) | UN38.3,MSDS,IEC62619,CE-EMC,UL1973 |
| Safety(Cell) | UN38.3,MSDS,IEC62619,CE,UL1973,UL2054 |
| Protection | BMS, Breaker |
| Operating Temperature(°C) | Charge:0°C-50°C; Discharge: -20°C-50°C |



| NO | Item | description | 9 | MC8 | DC output |
|----|---------------|-----------------------------|----|---------------|--------------------------------------|
| 1 | Rack mountear | for battery pack mounting | 10 | RUN | RUN LED display |
| 2 | Handle | Handle for carrier | 11 | ALM | Alarm LED display |
| 3 | Battery+ | terminal M8 screw | 12 | SOC | Capacity remaining display |
| 4 | Resret | emergency Resret | 13 | CANBUS | Communication port with inverter |
| 5 | ADS | battery address | 14 | RS485A | Communication port with inverter |
| 6 | LCD | display battery information | 15 | RS232 | communication port with PC |
| 7 | Battery- | terminal M8screw | 16 | RS485B | Internal communication between packs |
| 8 | GND | GND connection for safety | 17 | ON/OFF Switch | ON/OFF battery by software |