

Roller Type Mobile ESS Battery

TEZE-MB51400-200A-HWB

Feature

- ◆ Using lithium iron phosphate core technology, higher safety, 80% DOD charging and discharging under standard conditions, more than 6000 cycles.
- ◆ High integrated analog front end, isolated power circuit.
- ◆ Integrated serial port IC, high voltage accuracy ($\leq 20\text{mV}$), high current accuracy ($\leq 2\% @ \text{FS}$).
- ◆ 4-way battery temperature detection ($\leq 2^\circ\text{C}$), SOC estimation function, SOH estimation function.
- ◆ Short circuit protection function, adjustable overcurrent protection, multiple sleep and wake-up modes, low power consumption.
- ◆ Dual RS485 communication, parameter adjustable setting, buzzer alarm function, LED status indication function, charging equalization function.
- ◆ Temperature range of battery: $-20^\circ\text{C} \sim 60^\circ\text{C}$.
- ◆ Support parallel (up to 15 groups) application expansion.



Application

Standby power supply and household energy storage. Solar and wind energy systems.



Reliable Power Solution Provider

Lithium Iron Phosphate (LiFePO4) Battery

No.	Project	Specification
1	Model	TEZE-MB51400-200A-HWB
2	Nominal Capacity	400AH
3	Nominal Voltage	51.2V
4	Charging Voltage	56.8-57.6V
5	Operating Voltage	43.2V~58.4V
6	Charging Standard Current	0.2C 80A
7	Maximum Charging Current	180A
8	Standard Charging Mode	At a temperature of 25°C, charge to 58.4V with a constant current of 0.2C 5A, and then change continuously with a constant voltage of 58.4V until the current is not greater than 0.02C 5A.
9	Maximum Discharge Current	200A
10	Charging Temperature	0°C to 45°C (32°F to 113°F) @60±25% relative humidity
11	Discharge Temperature	-20°C to 60°C (-4°F to 140°F) @60±25% relative humidity
12	Storage Temperature	-20°C to 60°C (-4°F to 140°F) @60±25% relative humidity
13	Line Joint	250A Self-Locking Fitting Quick Release Connector
14	Net Weight Approx.	208KG
15	Communication Protocol	RS485 、 RS232 、 CAN
16	Support Inverter Brand	Growatt 、 Deye 、 Goodwe 、 Voltronic power 、 Sofar、 VICTRON 、 Solis 、 Megarevo 、 SRNE

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