



TESS ELECTRIC

48V 100AH

LiFeP04

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- PC Software Monitoring
- Built-In BMS
- 100A Internal BMS
- 7000 Deep-Cycle Cells
- Welded Prismatic Cell Connections
- 5.12kWh Storage Capacity
- Rack Mount Design
- Handles For Easy Lifting
- Five Year Warranty
- Growatt & Victron Inverter Communication



1. 125A Breaker / On Off Switch
3. RS485 PC Port For Monitoring

2. Battery/Inverter Communication Ports
4. State Of Charge Display Lights

Battery Specifications

Nominal Voltage	51.2V
Nominal Capacity	100Ah
Combination Mode	16 Series
Dimensions WxDxH (Inches)	18.98 x 15.75 x 6.97
Weight	About 99 LBS
Working Voltage	43.2-58.4V
Charging Voltage	56.8-58.4V
Charging Current Limiting	50A (The default charging current is greater than 55A, and the current limiting is on for 10A)
Standard Charging Current Current	20A (0.2C)
Maximum Continuous Charging Current	50A (0.5C)
Standard Discharge Current	20A (0.2C)
Maximum Continuous Discharge Current	100A (1.0C)
Charging Temperature Range	32-122 °F
Built in Battery Management System	Voltage, Current, Temperature, Management, Cell Balance Management, Communication With Growatt Inverters, Victron Inverters & More
Design Life	10-20 Years
Cycle Life @ 80% DOD	>7000 times
LCD Screen	Yes



Battery Pack Voltage

Amps

Battery Life Cycle

Battery Capacity

