

VTC-8F150 25.6V 150Ah LiFePO4 Battery

BATTERY FEATURES

- Less Weight. In same capacity and voltage, LiFePO4 battery weight is 1/3 of Lead Acid battery.
- Long cycle Life. Under 100%DOD, the life cycle is more than 3000 times, its up to 8 times than Lead Acid battery.
- High Temperature Resistance. LiFePO4 battery working Temperature range is -20°C to 80°C
- Safer. Under extreme situation, LiFePO4 battery will never explode.
- Environmental Friendly.
- Zero Maintenance Requirements.

ELECTRICAL SPECIFICATIONS

Nominal Voltage: 25.6V
 Nominal Capacity: 150Ah
 Energy: 3840Wh
 Efficiency: 99%
 Self Discharge: <2% per Month
 Maximum Modules in Series: 4

DISCHARGE SPECIFICATIONS

Maximum Continuous Discharge Current: 50A
 Peak Discharge Current: 200A(≤5s)
 BMS Discharge Current Cut-Off: 100A±50A
 Discharge Cut-Off Voltage: 8V
 BMS Discharge Voltage Cut-Off: 16V(2.0±0.08 vpc)
 Reconnect Voltage: 20V(2.5±0.1 vpc)

CHARGE SPECIFICATIONS

Recommended Charge Current: 5A-50A
 Maximum Charge Current: 50A
 Recommended Charge Voltage: 29.2V
 BMS Charge Voltage Cut-Off: 31.2V(3.90±0.025V)
 Reconnect Voltage: 30.4V (3.8±0.1 vpc)

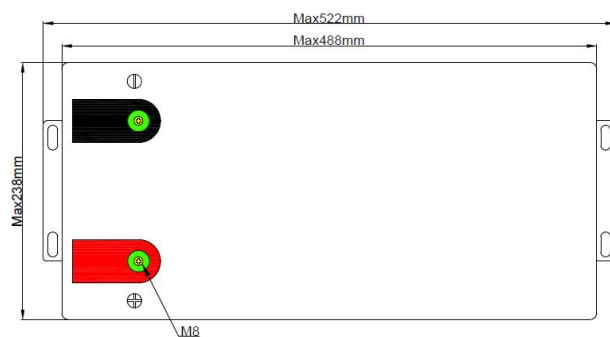
TEMPERATURE SPECIFICATIONS

Charge Temperature: 0 to 45°C
 Discharge Temperature: -20 to 60°C
 Storage Temperature: -5 to 35°C
 BMS High Temperature Cut-Off: 80±5°C
 Reconnect Temperature: 55±15°C

APPLICATIONS

- Solar/Wind energy storage
- Generator storage
- Golf cart
- Floor cleaning machine
- EV

BATTERY PICTURE&TERMINAL



MECHANICAL SPECIFICATIONS

Dimensions: (L x W x H/TH): 522 x 238 x 228mm
 Weight: 28.1Kg
 Terminal Type: M8
 Case Material: ABS
 Enclosure Protection: IP56
 Outer Carton Size: 580 x 295 x 250mm
 Package: 1pcs/Ctn, 24pcs/Tray, 240pcs/20GP

Note: Without permission of the battery manufacturer or Distributors, Pls do not use in series and parallel.

