

VTC-4F100 12.8V 100Ah 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: 12.8V
 Nominal Capacity: 100Ah
 Energy: 1280Wh
 Efficiency: 99%
 Self Discharge: <2% per Month
 Maximum Modules in Series: 4

DISCHARGE SPECIFICATIONS

Maximum Continuous Discharge Current: 100A
 Peak Discharge Current: 200A($\leq 5s$)
 BMS Discharge Current Cut-Off: 300A \pm 50A
 Discharge Cut-Off Voltage: 8V
 BMS Discharge Voltage Cut-Off: 8V(2.0 \pm 0.08 vpc)
 Reconnect Voltage: 10V(2.5 \pm 0.1 vpc)

CHARGE SPECIFICATIONS

Recommended Charge Current: 5A-50A
 Maximum Charge Current: 100A
 Recommended Charge Voltage: 14.6V
 BMS Charge Voltage Cut-Off: 15.6V(3.90 \pm 0.025V)
 Reconnect Voltage: 15.2V (3.8 \pm 0.1 vpc)

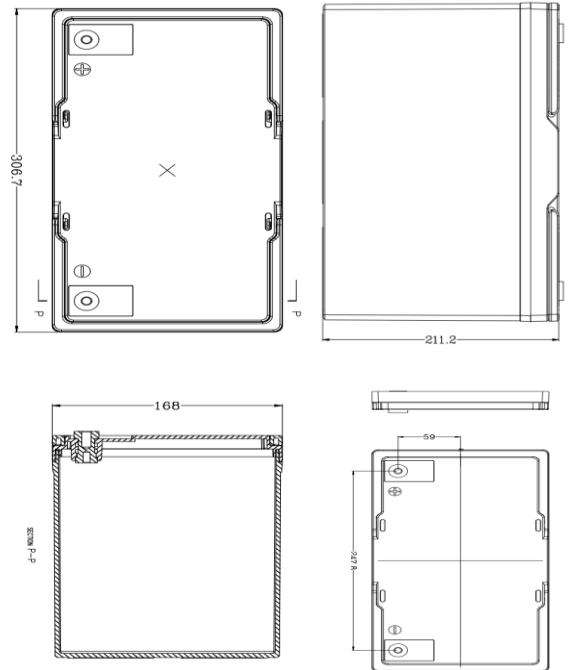
TEMPERATURE SPECIFICATIONS

Charge Temperature: 0 to 45°C
 Discharge Temperature: -20 to 60°C
 Storage Temperature: -5 to 35°C
 BMS High Temperature Cut-Off: 80 \pm 5°C
 Reconnect Temperature: 55 \pm 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): 305 x 169 x 210mm
 Weight: 12.0Kg
 Terminal Type: M8
 Case Material: ABS
 Enclosure Protection: IP56
 Outer Carton Size: 345 x 190 x 240mm
 Package: 1pcs/Ctn, 48pcs/Tray, 480pcs/20GP

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



VTC-4F200 12.8V 200Ah LiFePO4 Battery

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- Safer. Under extreme situation, LiFePO4 battery will never explode.
- Environmental Friendly.
- Zero Maintenance Requirements.

ELECTRICAL SPECIFICATIONS

Nominal Voltage: 12.8V
 Nominal Capacity: 200Ah
 Energy: 2560Wh
 Efficiency: 99%
 Self Discharge: <2% per Month
 Maximum Modules in Series: 4

DISCHARGE SPECIFICATIONS

Maximum Continuous Discharge Current: 100A
 Peak Discharge Current: 200A($\leq 5s$)
 BMS Discharge Current Cut-Off: 300A $\pm 50A$
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 BMS Discharge Voltage Cut-Off: 8V(2.0 ± 0.08 vpc)
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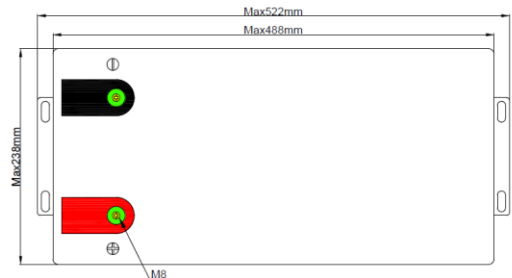
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 BMS High Temperature Cut-Off: 80 $\pm 5^\circ C$
 Reconnect Temperature: 55 $\pm 15^\circ C$

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 218/228mm
 Weight: 26Kg
 Terminal Type: M8
 Case Material: ABS
 Enclosure Protection: IP56
 Outer Carton Size: 540 x 255 x 240mm
 Package: 1pcs/Ctn, 24pcs/Tray, 240pcs/20GP

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

