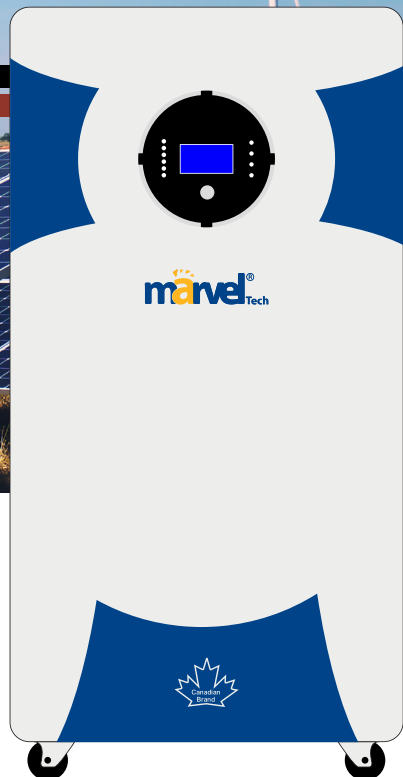




ML314-51.2 W

LiFePO4 Lithium Battery

- 1- LCD display and support bluetooth connection
- 2- Support max. 15pcs batteries in parallel
- 3- High inverter compatibility
- 4- Safe LiFePO4 rechargeable battery
- 5- High usable energy ratio, less self-consumption



Technical Data

Model	ML314-51.2 W
Cells	A Grade LFP cell 3.2V 314Ah
Nominal Energy (Wh)	16076.8
Nominal Capacity (Ah)	314
Nominal Voltage (V)	51.2
Operation Voltage Range (V)	40~58.4
Recommend Charge Current (A)	150
Max. Continuous Charge Current (A)	150
Recommend Discharge Current (A)	150
Max. Continuous Discharge Current (A)	150
Max. Parallel Quantities (pcs)	15
Operation Temperature	"Charge Temperature: 0~60°C Discharge Temperature: -30~60°C"
Operation Humidity	20~80%RH (No condensing)
Protection Degree	IP21
Dimension (mm)	420Wx270Dx800H (Without floor mount foot)
Net Weight (kg)	115
Installation	Wall mounted, floor mounted
Certification	IEC61000, IEC62619, UN38.3
Communication	CAN, RS485
Cycle Life	>8000 Cycles(25°C, 0.5C/0.5C)

Warning

1. Forbid Disassemble Batteries

The battery has protective component and circuit internally to avoid danger. Mishandling such as improper disassembly will destroy its protective function and make it heat, smoke, distort or burning.

2. Forbid Short-Circuit Batteries

Do not touch the plus and minus contacts with metals. Do not put the battery with metal element together in either storage or movement. If the battery is short-circuited, it carries magnified current which will cause damage and make the battery heat, smoke, distort or burning.

3. Forbid Heat and Burn The Batteries

If heating or burning the battery, it will cause the isolated element in the battery dissolved, protection function stopped or the electrode burning, over heated, which will make the battery heat, smoke, distort or burning.

4. Avoid Charging Near Fire or in The Sunlight

Otherwise, it will cause internal protection circuit and its function lost or abnormal chemical reactions, which will lead to heating, smoking, distortion or burning.

5. Danger in Using Non-indicated Chargers in

Charging in abnormal condition, the battery will cause internal protection circuit and its function lost or abnormal chemical reactions, which will lead to heating, smoking, distortion or burning.

6. Forbid Damage Batteries

Do not allow damage the batteries with the metals gouged, forged, or dropped etc. otherwise, it will cause over-heated, distort, smoke or burning, even in danger.

7. Do Not Touch The Leak-Out Batteries

The leak-out electrolyte will cause the skin uncomfortable. If it drops into eyes, do not rob the eyes but wash in time, and go to hospital for treatment.

8. Notice

The battery shall be prevented to be exposed in effulgence so as not to cause over-heated, distort, smoke and weaken its performance and cycle life.

9. Electrostatic-free

There is a protective circuit inside the battery to prevent contingency. Do not use the battery in the Electrostatic circumstances (above 1000V), for it is easily destroyed the circuit board so that the battery doses do not work and causes over-heated, distort, smoke or burning.

10. Discharging Temperature Range

Recommended discharging temperature range is 0 ~ 40 °C, beyond which it will result in decadence of the battery performance and shortness of its life.

11. Read Carefully read the manual before use or whenever in need!

12. Charging Method

Use the special chargers in the recommended charging method to charge the batteries.