

REDWAY POWER®

OEM / ODM LITHIUM BATTERY

12.8V 120Ah 1536Wh (Group 31) LiFePO4 Lithium Battery

Redway OEM/ODM Lithium Battery

Redway specializes in providing a diverse selection of battery sizes and configurations to cater to a wide range of applications. Whether you need standard battery options or have unique power requirements, our team of experienced engineers is here to assist you throughout the entire process of designing, developing, testing, and manufacturing custom battery solutions tailored to your specific needs. Feel free to reach out to us today to learn more about our comprehensive range of battery solutions, OEM/ODM and how we can create a customized solution for you.

Battery Features

- Long Cycle Life
- High Quality Lithium Cells
- Safety Smart BMS Protection



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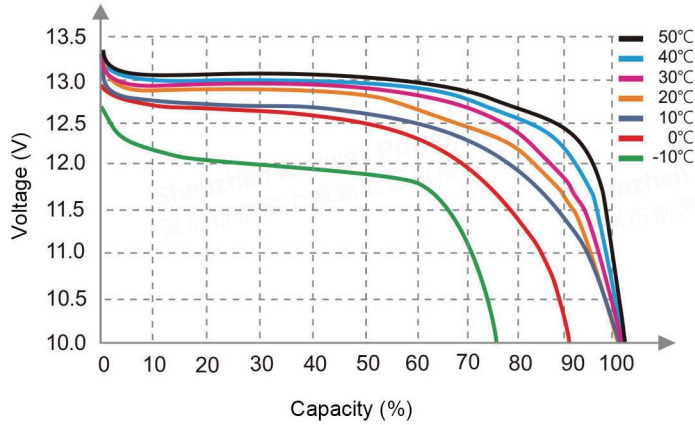
Specifications

Lithium Cell Types	LiFePO4 (LFP)
Nominal Voltage	12.8V
Nominal Capacity	120Ah
Nominal Energy	1536Wh
Max Charge Voltage	14.6V
Discharge Cut-off Voltage	10V
Max Charge Current	100A (Continuous)
Max Discharge Current	100A (Continuous)
Peak Discharge Current	-
Max Parallel Connection	4
Cycle Life	>6000 cycles (80% DOD)
IP Rating	IP65
Terminal	M8

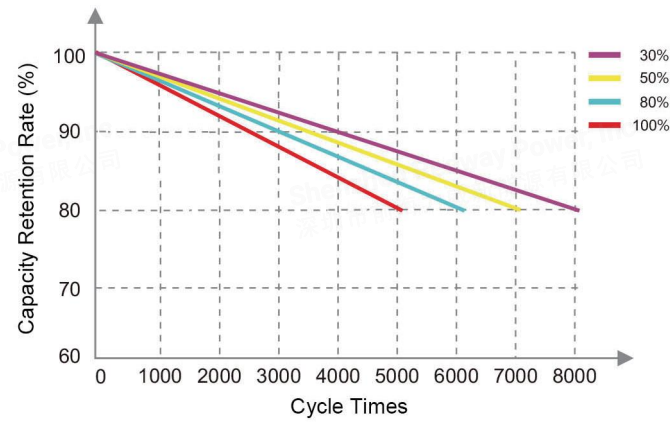
More

Dimensions (L*W*H)	330 x 172 x 215 mm (Group 31)
Weight	~14 kg
Charge Temperature	0°C ~ 60°C
Discharge Temperature	-20°C ~ 60°C
Storage Temperature	0°C ~ 45°C
Battery Case	ABS
Silkscreen / Label / Laser	Yes
Charger	Optional
Certification	UL 1642 / IEC 62619 / CE / UN38.3 / MSDS
BMS Protection	Overcharge / Overdischarge / Overcurrent / Overvoltage / Low Voltage / Over Temperature / Short Circuit / etc.
Optional Upgrades	Self-heating / Bluetooth / App / 4G / GPS / RS485 / CAN-bus RS232 / LCD Display / Active Balance / Heatsink / etc.

Discharge Test



Cycle Life Test



Cautions

Please use a matching charger, inverter or solar controller for charging.

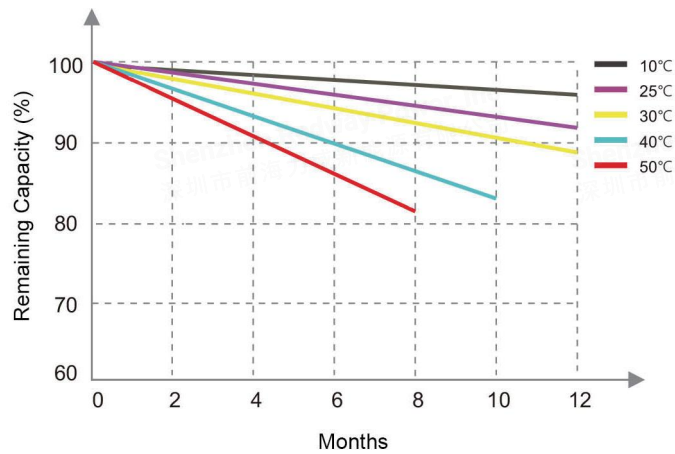
Please keep good ventilation and heat dissipation.

Keep battery away from children, fire, heat sources and it is strictly forbidden to be thrown into the fire.

Pay attention to water, prevent the battery from being drenched or immersed in water.

Improper use and installation will void the warranty.

Self-discharge Test



SOC Test

