

12V 100Ah LiFePO4 Battery

Redway Power OEM / ODM Lithium Batteries

Redway Power factories specialize in providing a diverse selection of battery sizes and configurations to cater to a wide range of applications for the RV, Marine boat, Golf cart, Electric scooter, E-motocycles, Electric trishaw, Forklift, AGV, AMR, Electric tow tractor, eBike, Medical battery, Street light solar battery, Rack-mount battery module, Telecom base station battery, Home-ESS Wall-mount battery, HESS All-in-One system, etc. 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 and how we can create a customized solution for you.

Batteries Features

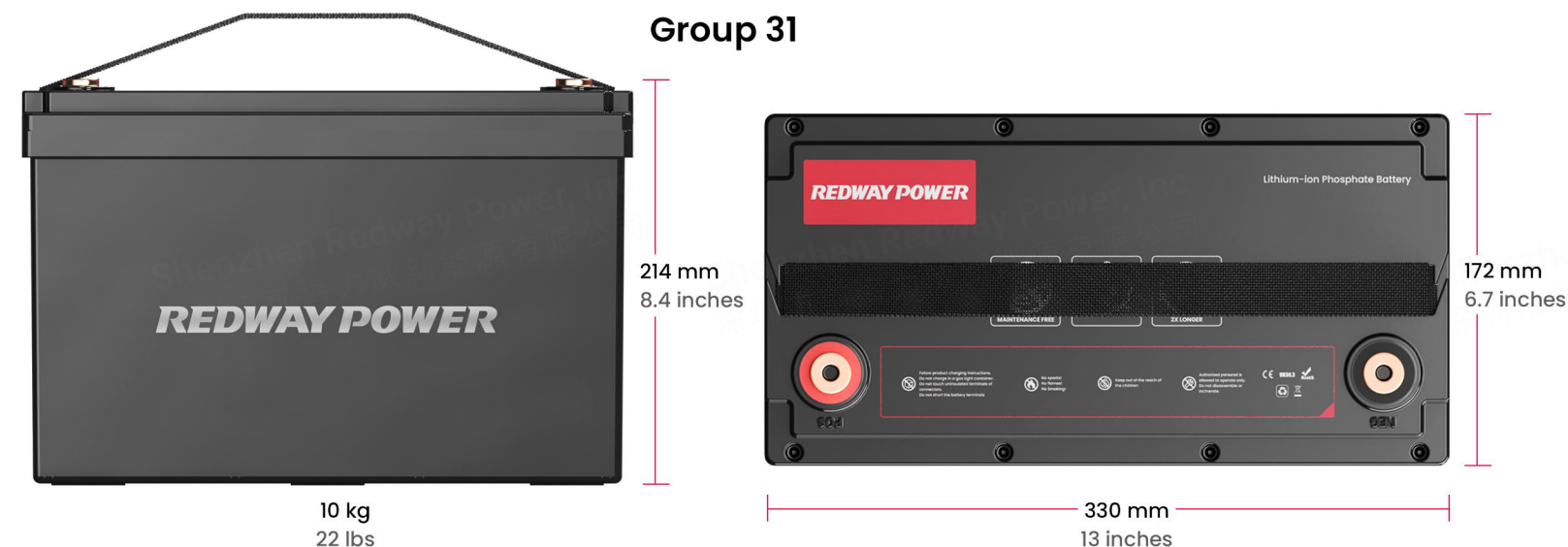
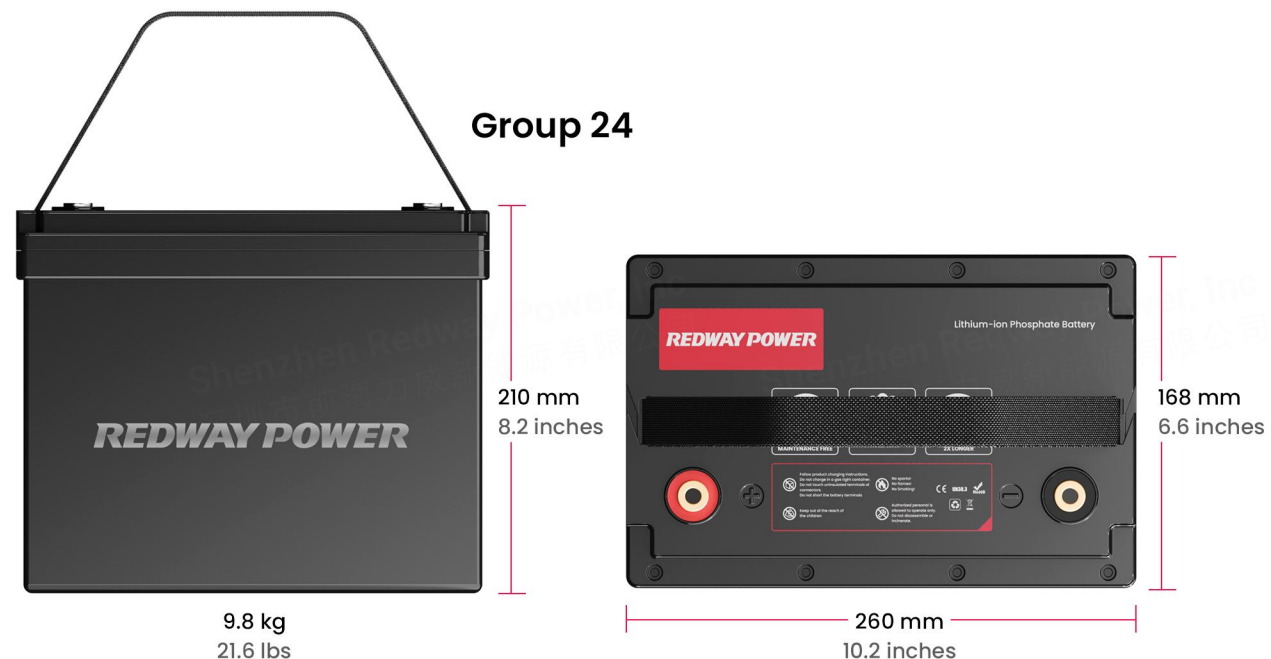
- Group 24 / Group 31
- Grade-A Lithium Battery Cells
- Long Lifespan
- Advanced Safety BMS Protection
- High Vibration and Shock Resistance



Group 24



Group 31



General Specifications

Cell Type	LiFePO4 (LFP)	
Nominal Voltage	12.8V	
Nominal Capacity	100Ah	
Nominal Energy	1280Wh (1.28kWh)	
Charge Voltage	14.6V	
Discharge Voltage	10V	
Max. Charge Current	100A (Continuous)	
Max. Discharge Current	100A (Continuous)	
Dimensions (L x W x H)	Group 24: 168 x 260 x 210 mm / 6.6 x 10.2 x 8.2 inches	Group 31: 172 x 330 x 214 mm / 6.7 x 13 x 8.4 inches
Weight	Group 24: 9.8 kg / 21.6 lbs	Group 31: 10 kg / 22 lbs

More Info

IP Rating	IP65 (Can be upgraded according to requirements)
Lid Seal	Optional: Removable Lid with Rubber / Silicone Seal
Cycle Life	>4000 Cycles (25°C, 80% DOD)
Self Discharge	2% (Per month)
Working Temperature	Charging: 0°C ~ 60°C / Discharge: -20°C ~ 60°C
Protection & Alarms	Overcharge / Overdischarge / Overcurrent / Overvoltage / Low-voltage / Overtemperature / Short Circuit
Terminals	M8
Shell	ABS, Black color
Design Life	15 Years
Optional Upgrades	APP / Bluetooth / Wi-Fi / 4G / GPS / Active Balance / Self-Heating / RS485 / CAN / LCD / Anti-theft / Lights