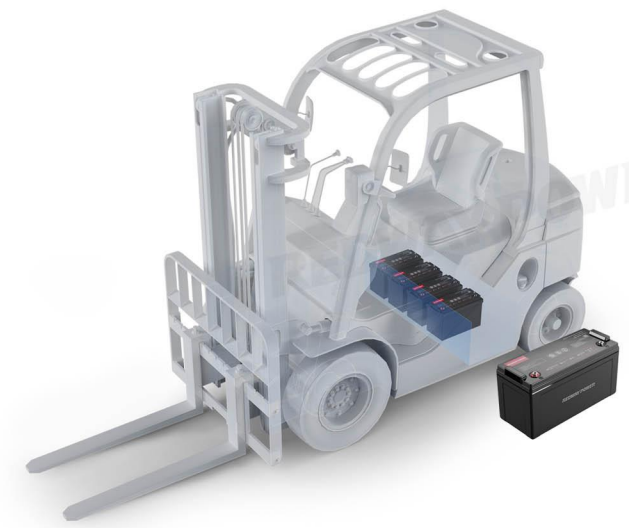


REDWAY POWER

Your Reliable OEM/ODM Battery Manufacturer for Lithium Battery Pack



***Sealed Lead Acid Replacement
Lithium Iron Phosphate Battery Series***



INTRODUCTION

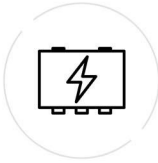
Redway Power 12V/24V/36V/48V/72V Lithium Iron Phosphate Battery Series is a high safety LiFePO4 lithium battery with high rates and energy density. All series can be customized according to customer needs.

This deep cycle battery can replace the normal lead acid type easily, featuring long service life, space efficiency and environmental friendly, widely used for RV, Boats, Forklift, Golf Carts and renewable energy applications.

ADVANTAGES FOR RECREATIONAL VEHICLES

It's hard to beat a Redway lithium iron phosphate (LiFePO₄) battery when they deliver everything you need to support life on the road and off-the-grid. Inherently safe and lightweight, you'll not only travel further more efficiently, you'll do it with less of a footprint without sacrificing power, performance and reliability.

FEATURES AND BENEFITS



MORE USABLE CAPACITY

Lithium batteries allow you to use 100% of their capacity, regardless of the rate of discharge. So, run all your electronics and know that you have ample reserves, even when you're boondocking.



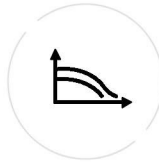
LONGER LIFE

Redway lithium batteries provide up to 10 times longer life than lead-acid batteries, and they still provide 80% of rated capacity after 2,000 cycles.



INSTALLATION FLEXIBILITY

Can be installed upright or on its side.



CONSTANT POWER

Full power available throughout discharge. Voltage does not drop like lead-acid.



LIGHTER WEIGHT

50-60% less weight than lead-acid equivalent.



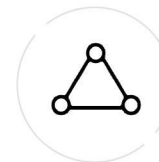
MAINTENANCE-FREE

Plug, play and charge. No watering.



TEMPERATURE TOLERANCE

2.5X more efficient operation at low temperatures. Safely operational up to 149°F (65°C).



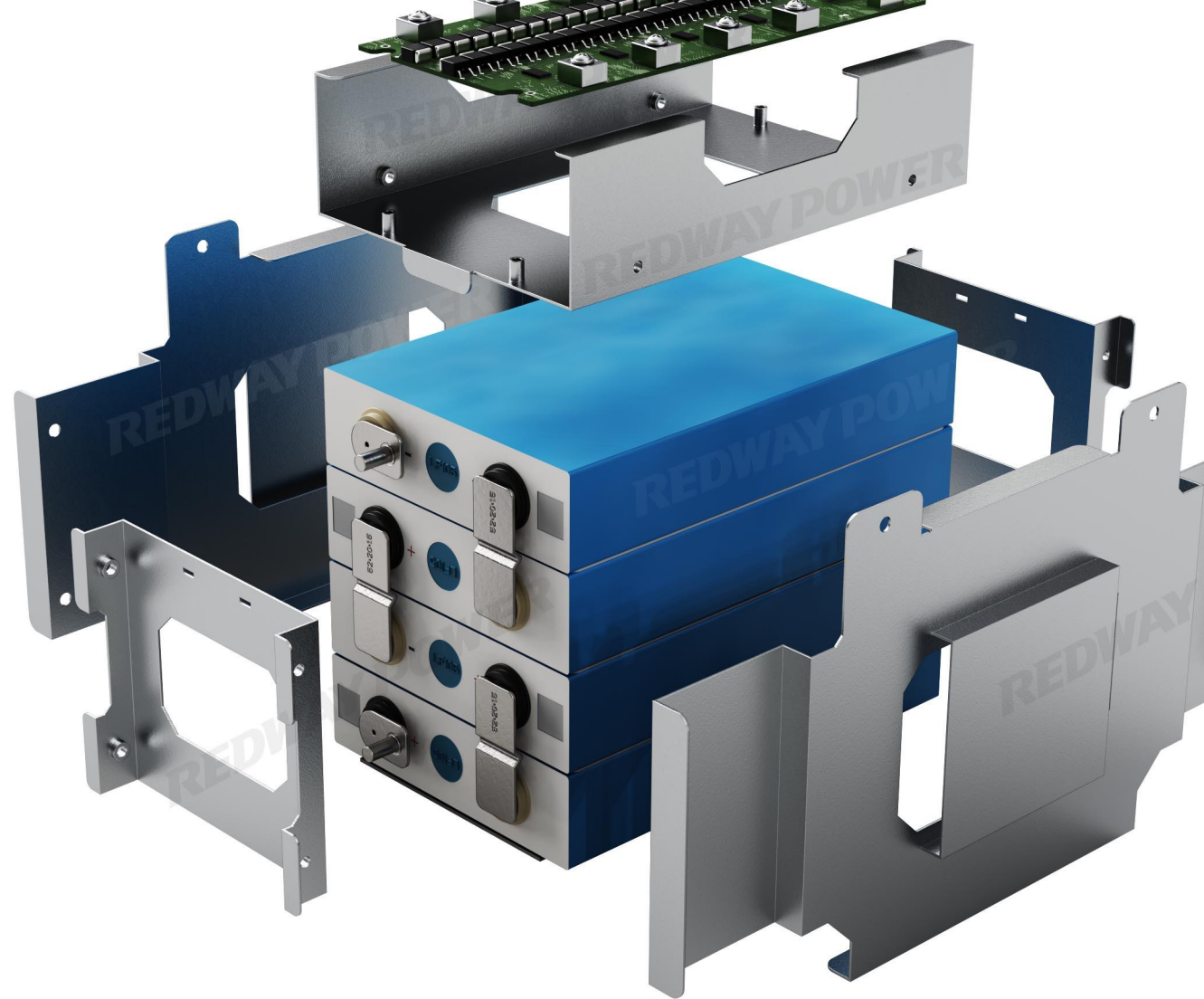
PARTIAL STATE OF CHARGE TOLERANCE

Partial charging does not affect performance quality or battery life. A low self-discharge rate means worryfree storage so even occasional users can be assured of reliable performance.



ECO-FRIENDLY & SAFE

Redway lithium batteries create no exhaust fumes so you can use them in a confined space with no ill effects. No gassing, no fumes, and no pollution.



WHY NOT CHOOSE LEAD

Check out the chart below to compare the performance advantages of advanced lithium technology versus traditional lead-acid batteries.

BATTERY TYPE	FLA	AGM	LiFePO4
FEATURE			
Maintenance	High	Low	Zero
Life	2-4x	-	10-20x
Cost	0.5x	1x	4x
Sizes	Standard	Standard	Standard
Safe	Yes	Yes	Yes
Power	Declining	Declining	High & Constant
CHARGE			
Capacity	Partial	Partial	Full Rated
Charge Rate	Slow (10%)	Slow (20%)	Fast (100%)
Charge Time	Long	Long	Moderate (50%)
Charge Level	Full	Full	Partial/Full
Charge Frequency	Every Cycle	Every Cycle	Whenever
Partial State of Charge Tolerant	No	No	Yes
















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SPECIFICATIONS

Whether you're living on the road or an enthusiastic weekend warrior, you want reliable power both on and off the grid. We have one of the largest LiFePO4 product offerings available with 12V and 24V batteries available in a variety of BCI standard sizes for easy drop-in replacement.

12V SERIES

All series can be customized according to customer needs

电池型号													
电芯类型	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
标称电压	12.8 V	12.8 V	12.8 V	12.8 V	12.8 V	12.8 V	12.8 V	12.8 V	12.8 V	12.8 V	12.8 V	12.8 V	12.8 V
标称容量	6 Ah	12 Ah	18 Ah	24 Ah	30 Ah	50 Ah	54 Ah	75 Ah	105 Ah	105 Ah	120 Ah	150 Ah	210 Ah
标称能量	76.8 Wh	153.6 Wh	230.4 Wh	307.2 Wh	384 Wh	640 Wh	691.2 Wh	960 Wh	1344 Wh	1344 Wh	1536 Wh	1920 Wh	2688 Wh
串联/并联数量	4S1P	4S2P	4S3P	4S4P	4S5P	4S1P	4S9P	4S5P	4S1P	4S7P	4S8P	4S10P	4S14P
最大充电电流	6 A	12 A	15 A	24 A	30 A	25 A	25 A	35 A	50 A	50 A	60 A	75 A	100 A
最大放电电流	10 A	15 A	15 A	30 A	30 A	50 A	50 A	75 A	100 A	100 A	100 A	150 A	200 A
尺寸(长宽高)	151 x 65 x 95 mm 5.94 x 2.56 x 3.74 in	151 x 98 x 97 mm 5.94 x 3.86 x 3.82 in	180 x 76 x 165 mm 7.09 x 2.99 x 6.5 in	177 x 167 x 124 mm 6.97 x 6.57 x 4.88 in	195 x 130 x 161 mm 7.68 x 5.12 x 6.34 in	198 x 166 x 170 mm 7.8 x 6.54 x 6.69 in	198 x 166 x 170 mm 7.8 x 6.54 x 6.69 in	260 x 168 x 210 mm 10.24 x 6.61 x 8.27 in	260 x 168 x 210 mm 10.24 x 6.61 x 8.27 in	330 x 172 x 215 mm 13 x 6.77 x 8.46 in	330 x 172 x 215 mm 13 x 6.77 x 8.46 in	501 x 185 x 242 mm 19.72 x 7.28 x 9.53 in	501 x 185 x 242 mm 19.72 x 7.28 x 9.53 in
充电电压/ 充电截止电压	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V
放电截止电压	10 V	10 V	10 V	10 V	10 V	10 V	10 V	10 V	10 V	10 V	10 V	10 V	10 V
端子	T2	T2	M5	M5	M6	M8	M8	M8	M8	M8	M8	M8	M8
工作温度 充电/放电温度	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C
最大并联数	Nonsupport	Nonsupport	Nonsupport	4	4	4	4	4	4	4	4	4	4
防护等级	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66
可选功能: 蓝牙/通讯/加热/ 主动均衡/ 带开关/电量显示屏	-	-	-	Optional: With Switch / LED Screen	Optional: With Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen











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SPECIFICATIONS

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12V SERIES

All series can be customized according to customer needs

电池型号											
电芯类型	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	
标称电压	12.8 V	12.8 V	12.8 V	12.8 V	12.8 V	12.8 V	12.8 V	12.8 V	12.8 V	12.8 V	
标称容量	255 Ah	300 Ah	105 Ah	120 Ah	150 Ah	180 Ah	184 Ah	105 Ah	120 Ah	135 Ah	
标称能量	3264 Wh	3840 Wh	1344 Wh	1536 Wh	1920 Wh	2304 Wh	2355.2 Wh	1344 Wh	1536 Wh	1728 Wh	
串联/并联数量	4S17P	4S20P	4S7P	4S8P	4S10P	4S12P	4S1P	4S7P	4S8P	4S9P	
最大充电电流	125 A	150 A	50 A	60 A	75 A	90 A	60 A	50 A	60 A	60 A	
最大放电电流	200 A	250 A	100 A	100 A	150 A	150 A	180 A	100 A (200A/10S)	100 A (200A/10S)	100 A (200A/10S)	
尺寸(长宽高)	522 x 240 x 218 mm 20.55 x 9.45 x 8.58 in	523 x 269 x 218 mm 20.59 x 10.59 x 8.58 in	395 x 110 x 286 mm 15.55 x 4.33 x 11.26 in	552 x 110 x 240 mm 21.73 x 4.33 x 9.45 in	552 x 110 x 288 mm 21.73 x 4.33 x 11.34 in	580 x 132 x 242 mm 22.83 x 5.2 x 9.53 in	678 x 138 x 158 mm 26.69 x 5.43 x 6.22 in	276 x 174 x 189 mm 10.87 x 6.85 x 7.44 in	318 x 176 x 187 mm 12.52 x 6.93 x 7.36 in	355 x 175 x 188 mm 13.98 x 6.89 x 7.4 in	
充电电压/ 充电截止电压	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V	14.6 ± 0.2 V	
放电截止电压	10 V	10 V	10 V	10 V	10 V	10 V	10 V	10 V	10 V	10 V	
端子	M8	M8	M8	M8	M8	M8	M8	AT/AM	AT/AM	AT/AM	
工作温度 充电/放电温度	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C
最大并联数	4	4	4	4	4	4	4	4	4	4	
防护等级	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	
可选功能: 蓝牙/通讯/加热/ 主动均衡/ 带开关/电量显示屏	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen













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Whether you're living on the road or an enthusiastic weekend warrior, you want reliable power both on and off the grid. We have one of the largest LiFePO4 product offerings available with 12V and 24V batteries available in a variety of BCI standard sizes for easy drop-in replacement.

24V SERIES

36V SERIES

48V SERIES

电池型号													
电芯类型	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	
标称电压	25.6 V	25.6 V	25.6 V	25.6 V	25.6 V	25.6 V	25.6 V	38.4 V	38.4 V	38.4 V	51.2 V	51.2 V	
标称容量	50 Ah	60 Ah	105 Ah	150 Ah	105 Ah	210 Ah	184 Ah	30 Ah	60 Ah	105 Ah	50 Ah	184 Ah	
标称能量	1280 Wh	1536 Wh	2688 Wh	3840 Wh	2688 Wh	5376 Wh	4710.4 Wh	1152 Wh	2304 Wh	4032 Wh	2560 Wh	9420.8 Wh	
串联/并联数量	851P	854P	857P	8510P	851P	852P	851P	1252P	1254P	1251P	1651P	1651P	
最大充电电流	25 A	30 A	50 A	75 A	50 A	100 A	60 A	15 A	25 A	50 A	25 A	60 A	
最大放电电流	50 A	50 A	100 A	150 A	100 A	200 A	180 A	30 A	50 A	100 A	50 A	180 A	
尺寸(长宽高)	260 x 168 x 210 mm 10.24 x 6.61 x 8.27 in	330 x 172 x 215 mm 13 x 6.77 x 8.46 in	522 x 240 x 218 mm 20.55 x 9.45 x 8.58 in	523 x 269 x 218 mm 20.59 x 10.59 x 8.58 in	552 x 110 x 288 mm 21.73 x 4.33 x 11.34 in	523 x 269 x 218 mm 20.59 x 10.59 x 8.58 in	678 x 238 x 158 mm 26.69 x 9.37 x 6.22 in	260 x 168 x 210 mm 10.24 x 6.61 x 8.27 in	501 x 185 x 242 mm 19.72 x 7.28 x 9.53 in	522 x 240 x 218 mm 20.55 x 9.45 x 8.58 in	501 x 185 x 242 mm 19.72 x 7.28 x 9.53 in	678 x 238 x 283 mm 26.69 x 9.37 x 11.14 in	
充电电压/ 充电截止电压	29.2 ± 0.2 V	29.2 ± 0.2 V	29.2 ± 0.2 V	29.2 ± 0.2 V	29.2 ± 0.2 V	29.2 ± 0.2 V	29.2 ± 0.2 V	43.8 ± 0.2 V	43.8 ± 0.2 V	43.8 ± 0.2 V	58.4 ± 0.2 V	58.4 ± 0.2 V	
放电截止电压	20 V	20 V	20 V	20 V	20 V	20 V	20 V	30~43.8 V	30~43.8 V	30~43.8 V	40 V	40 V	
端子	M8	M8	M8	M8	M8	M8	M8	M8	M8	M8	M8	M8	
工作温度 充电/放电温度	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C	Charge: 0°C ~ 60°C Discharge: -20°C ~ 65°C
最大并联数	4	4	4	4	4	4	4	4	4	4	4	4	
防护等级	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	
可选功能: 蓝牙/通讯/加热/ 主动均衡/ 带开关/电量显示屏	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	Optional Functions: With Bluetooth / Communication / Heating / Active Balance / Switch / LED Screen	

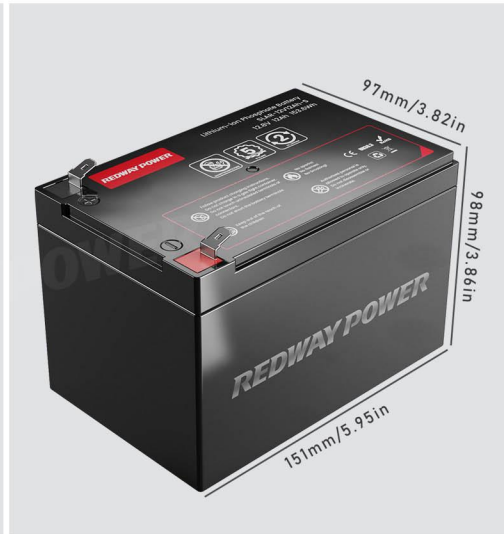
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12V SERIES

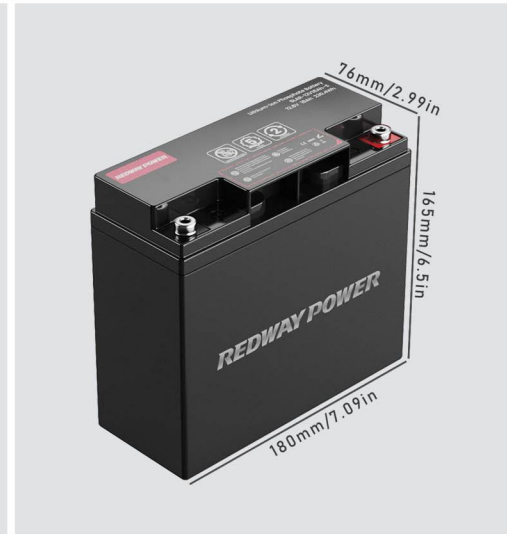
All series can be customized according to customer needs



12V6Ah



12V12Ah



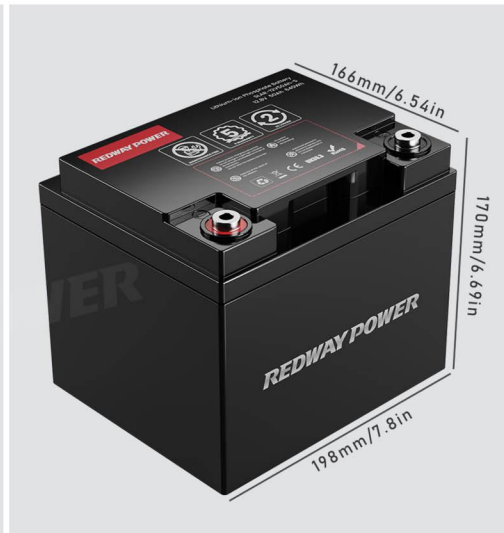
12V18Ah



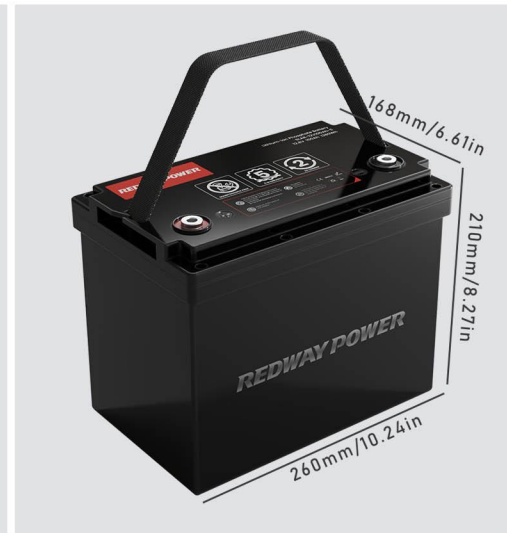
12V24Ah



12V30Ah



12V50Ah



12V100Ah



12V120Ah

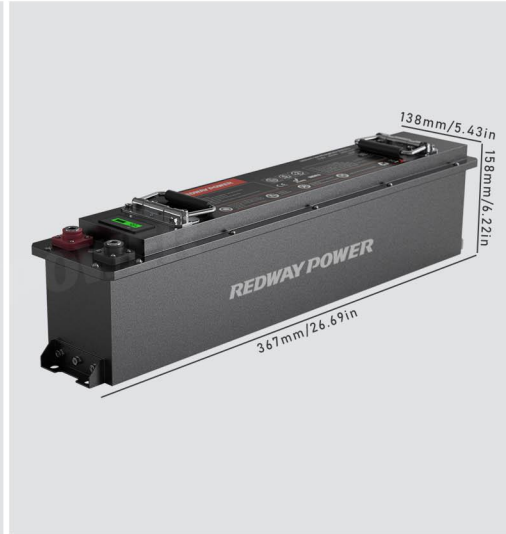
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12V SERIES

All series can be customized according to customer needs



12V150Ah



12V184Ah



12V200Ah



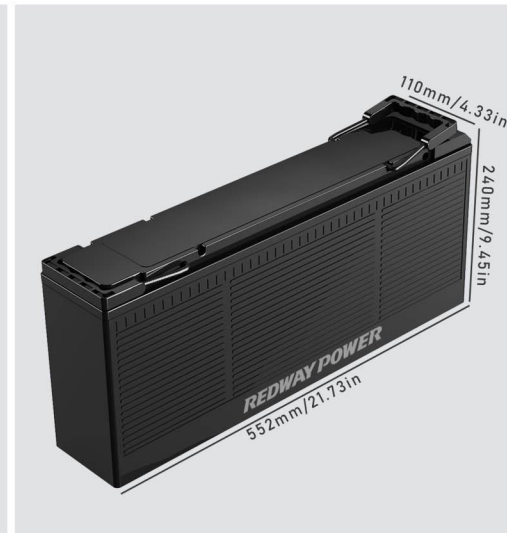
12V250Ah



12V300Ah



12V100Ah-EU



12V120Ah-EU



12V150Ah-EU

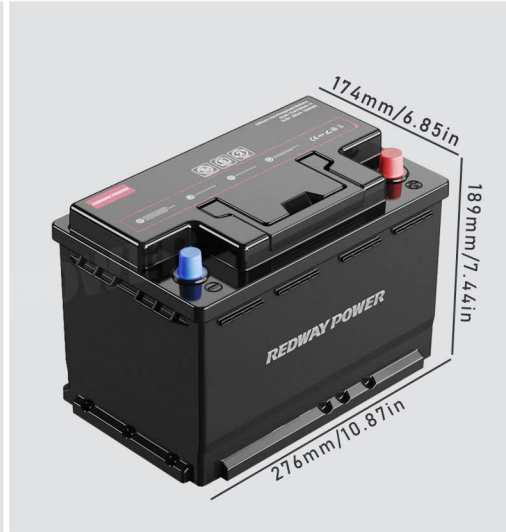
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12V SERIES

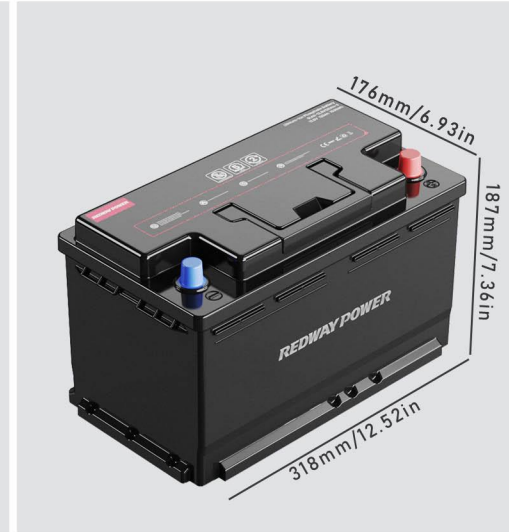
All series can be customized according to customer needs



12V180Ah-EU



12V100Ah-ST



12V120Ah-ST



12V135Ah-ST

24V & 48V SERIES

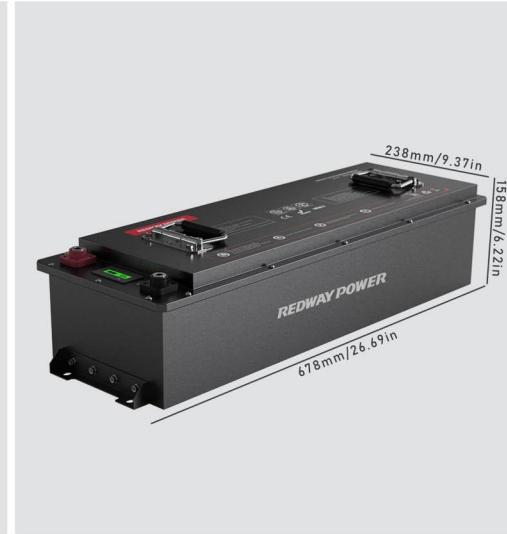
All series can be customized according to customer needs



24V50Ah



24V60Ah



24V184Ah



48V50Ah



48V184Ah

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YOUR MOST TRUSTED PARTNER

Whether on water or on the road, delivering an optimal user experience is at the heart of Redway Power's business. It's why we are proud to be the world's leading supplier of products and integrated systems to the marine, RV, and Specialty Vehicle industries. Our broad portfolio of market leading brands in power management, digital control & monitoring, and networked devices are distributed globally to a diverse aftermarket and OEM customer base. Redway Power is driven, every day, to be the world's most trusted partner to the marine and mobile industries.

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ISO 9001:2015



CE



IEC



ROHS



UN38.3

Certifications Applicable to the Design and Manufacture of Lithium Iron Phosphate Batteries.

Redway Power Battery provides our customers with the highest quality and safest lithium products, in compliance with all regulatory standards.

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Redway Power Battery Group

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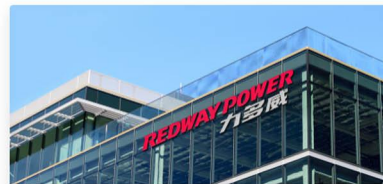
Website: <http://www.redwaypower.com>



Skype



WhatsApp



Shenzhen Redway Power, Inc

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Redway Power Group (HK) Limited

FLAT/RM 7022 BLK D 7/F TAK WING INDUSTRY BLDG, 3 TSUN WEN ROAD TUEN MUN NT, HONG KONG



Hong Kong Rayworld Industrial Co., Limited

RM 21 UNIT A 11/F TIN WUI IND BLDG NO 3 HING WONG ST TUEN MUN NT, HONG KONG



Production Base 1 (Factory 1)

Building 2, 78 Puxing East Road, Qingxi Town, Dongguan



Production Base 2 (Factory 2)

No. 6 Xinyuan Road, Yantan District, Zigong, Sichuan



R&D Center

Building 5, No.105 Qingbin East Road, Qingxi Town, Dongguan