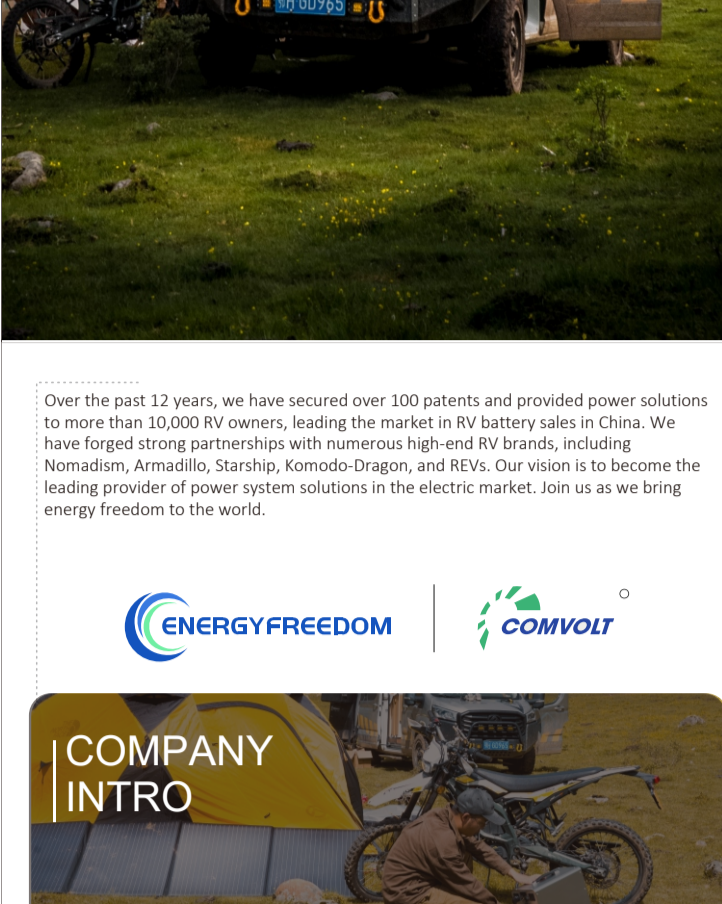




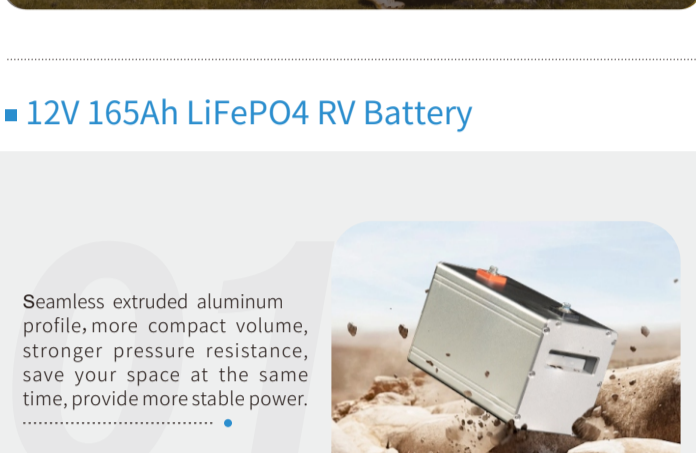
## — 12V165Ah RV Battery —



Over the past 12 years, we have secured over 100 patents and provided power solutions to more than 10,000 RV owners, leading the market in RV battery sales in China. We have forged strong partnerships with numerous high-end RV brands, including Nomadism, Armadillo, Starship, Komodo-Dragon, and REVs. Our vision is to become the leading provider of power system solutions in the electric market. Join us as we bring energy freedom to the world.



## COMPANY INTRO



## 12V 165Ah LiFePO4 RV Battery

Seamless extruded aluminum profile, more compact volume, stronger pressure resistance, save your space at the same time, provide more stable power.



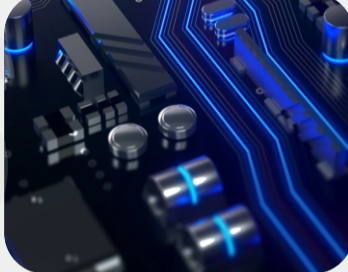
Using safe LiFePO4 cells for over 12 years. Our dedication to safety lays the foundation for the durability of our products. Grade A cells, for a safer, longer life.



Our intelligent BMS (battery management system) features ultra-low power consumption, excellent protection function, allowing for greater actual power consumption and maximizing the performance of the product.



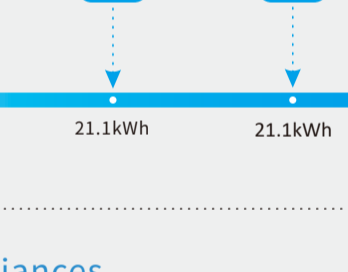
Benefit from our exceptional active equalization technology, which ensures that the voltage difference between each cell is less than 1%. This feature reduces capacity attenuation, resulting in a more reliable and durable product.



Enjoy automatic heating control when charging in low temperatures. Our product will automatically begin heating when charging in low temperatures, and will only start charging once the battery has reached the desired temperature, preventing battery failure caused by low temperature charging. Suitable for cold winter use, not limited by ambient temperature.



Experience ultra-low loss and extended endurance with our product's 12V DC out put, eliminating the need for a conversion link and resulting in higher efficiency.



## Up to 21.1kWh Energy Expansion

Multiple series parallel modes



x2

x9

x5

x10

51.2V 330Ah

38.4V 495Ah

25.6V 825Ah

12.8V 1650Ah

2P/4S

3P/3S

5P/2S

10P

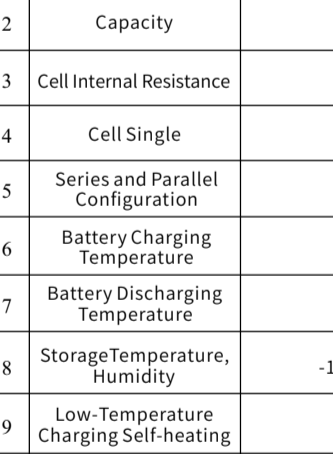
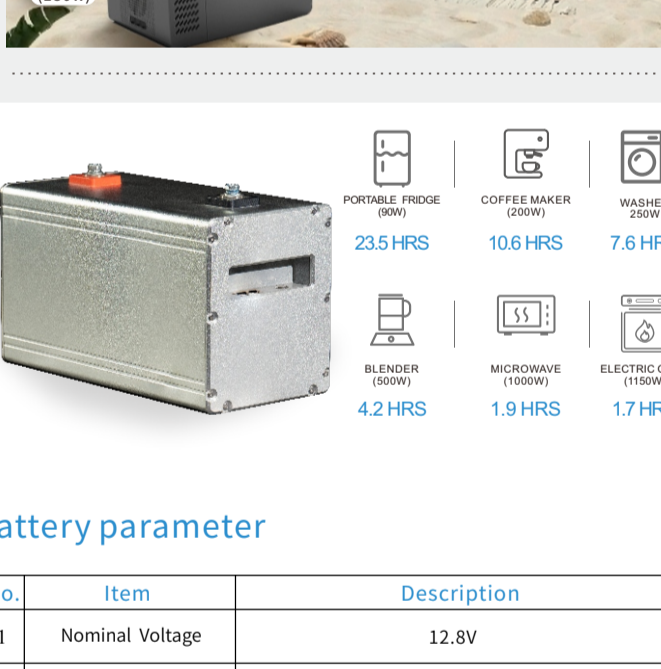
16.9kWh

19.0kWh

21.1kWh

21.1kWh

## Power your all appliances



PORTABLE FRIDGE (90W)

23.5 HRS



COFFEE MAKER (200W)

10.6 HRS



WASHER (250W)

7.6 HRS



BLENDER (500W)

4.2 HRS



MICROWAVE (1000W)

1.9 HRS



ELECTRIC GRILL (1150W)

1.7 HRS

## Battery parameter

No.	Item	Description
1	Nominal Voltage	12.8V
2	Capacity	165Ah/2110Wh
3	Cell Internal Resistance	≤0.5mΩ
4	Cell Single	3.2V55Ah
5	Series and Parallel Configuration	3P4S
6	Battery Charging Temperature	1~55°C(33.8~131°F)
7	Battery Discharging Temperature	-25~65°C (13~149°F)
8	Storage Temperature, Humidity	-10~40°C(14~104°F), 45~75%RH
9	Low-Temperature Charging Self-heating	Yes
10	Dimensions	Length330mm(12.99in)*Width165mm(6.5in)*Height 210(8.27in)
11	Weight	19Kg/42lbs
12	Cycle Life	3000 cycles to 80%+capacity
13	Discharge Temperature Characteristics(0.2C)	-20°C(-4°F)~55°C(131°F)
14	Communication	RS485
15	BMS	Intelligent BMS



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