



Reenergy Power is a leading manufacturer of high-quality lithium-ion and VRLA batteries, catering to the growing demand for efficient and sustainable energy storage solutions. Our batteries are designed for a wide range of applications, including renewable energy systems, and industrial equipment, for residential and commercial applications.

We are committed to innovation, reliability, and environmental sustainability. Reenergy Power aims to provide durable, high-performance batteries that empower a greener and more connected world.

iPower 5.12-RM

iPower 5.12-RM represents the pinnacle of technological innovation, utilizing the latest advancements to create a high-performance lithium-ion battery pack capable of meeting the most demanding power requirements of today's applications. Its sleek and modern design looks fantastic and delivers exceptional performance. It's easily integrated into a wide variety of devices and systems



Features



Rack Placement



BMS Intergrated



Grade A LifePo4 Cell



Customizable Capacity

Product Details

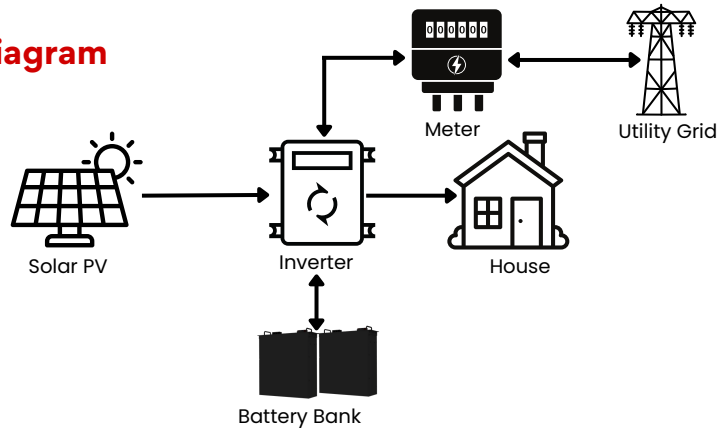
- LFP (Lithium iron phosphate) Grade A cells to ensure the highest safety and quality
- Built in BMS for intelligent monitoring and management of the cell temperature, current, voltage, SoC, SoH
- Compatible with wide range of inverter brands
- Support parallel connection of up to 16 units



Technical Specifications

Items	Description
Rated Voltage	51.2V
Rated Capacity	100Ah
Rated Energy	5.12 kWh
Output Voltage Range	43.2V-58.4V
Charging Voltage	57.6-58.4V
Cut-Off Voltage	43.2V
Max Charging Current	100A
Recommended Charging Current	≥50A
Max. Discharge Current	100A
Efficiency	98%
Dimensions L*W*H*mm	480*442*155
Weight (kg)	~47
Humidity	5%~95% Relative Humidity
Charging Temperature	0°C~55°C
Discharging Temperature	-20°C~60°C
Storage Temperature	-10°C~30°C
Cycle Life	8000 50% DOD, 6000 times 80% DOD, 4000 100% DOD (0.2, 25°C)
Design Life	>10 Years
Communication	RS485, optional for CAN / Dry port

System Diagram



Contact us



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REENERGY POWER LIMITED is registered company in England and Wales under number 10115425