
15Kwh 20Kwh 50Kwh 100Kwh Rack-Mounted Battery Pack For Solar Energy Storage System

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Energy Storage System



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RACK LiFePO4 BATTERY MODULE ENERGY STORAGE SYSTEM

-FOR RESIDENTIAL AND SME



Rack Mounted Lifepo4 Battery adopts highly reliable Lithium battery cells for long cycle life and consistent performances. The battery packs use advanced Battery Management System (BMS) to enhance system performance, prolong life and warrant safety. Various sizes valid, easy install, panel customization service, support for parallel expansion for large capacity applications. Efficient batteries ensure more of the stored energy is available for your needs. Better efficiency means optimal use of the available energy, maximizing your solar system's advantages and extending periods between recharges. Selecting the finest [rack mounted batteries](#) for your off-grid solar setup involves factoring in these crucial traits. Each one contributes to overall performance, dependability, and longevity, making your battery choice pivotal for a successful off-grid experience.

Parameter

ELECTRICAL SPECIFICATIONS

| | |
|-------------------|-----------------|
| VOLTAGE: | 51.2V |
| NOMINAL CAPACITY: | 200Ah |
| NOMINAL ENERGY: | 10.24Kwh-100KWh |
| CYCLE LIFE: | ≥ 6000 times |

MECHANICAL SPECIFICATIONS

| | |
|----------------------|-------------------|
| DIMENSION(LXWXH): | 430*442*177mm |
| WEIGHT: | 96Kg |
| CELL TYPE/CHEMISTRY: | Prismatic LiFePO4 |
| COMMUNICATION: | RS485 /CAN option |

CHARGE&DISCHARGE SPECIFICATIONS

| | |
|-------------------------------|-----------|
| CHARGE METHOD: | CCCV |
| CHARGE VOLTAGE: | 45V-57.6V |
| MAX. CHARGE CURRENT: | 200A |
| END OF DISCHARGE VOLTAGE: | 43.2V |
| DISCHARGE CURRENT CONTINUOUS: | 200A |

TEMPERATURE SPECIFICATIONS

| | |
|------------------------|------------|
| CHARGE TEMPERATURE: | 0°C~45°C |
| DISCHARGE TEMPERATURE: | -20°C~60°C |
| STORAGE TEMPERATURE: | 15 ~ +35°C |

COMPLIANCE SPECIFICATIONS:

| | |
|----------------|--------------------------------|
| CERTIFICATION: | RoHs, CE |
| WARRANTY: | 10 Years(20 years design life) |

INVERTER MATCHED:

| |
|--|
| SOLAX, DEYE, GOODWE, GROWATT, VICTRON, SOFAR, GMDE, ETC. |
|--|

Energy Storage

--Solar-Wind Power System / City Grid (On/Off) / Community and Family

Back-up System and UPS

--Telcom Base / CATV system / Computer Server Center / Medical Instrumnt / Military Equipment

Other Applications

--Security and Electronics / Mobile POS, Mining Lihgt / Torch / LED Light / Emergency Light

--RV Motorhome /Golf Carts Battery / Boat Marine Yachts / Electric Skateboard

--LED Backup / Engine Starting Battery,etc

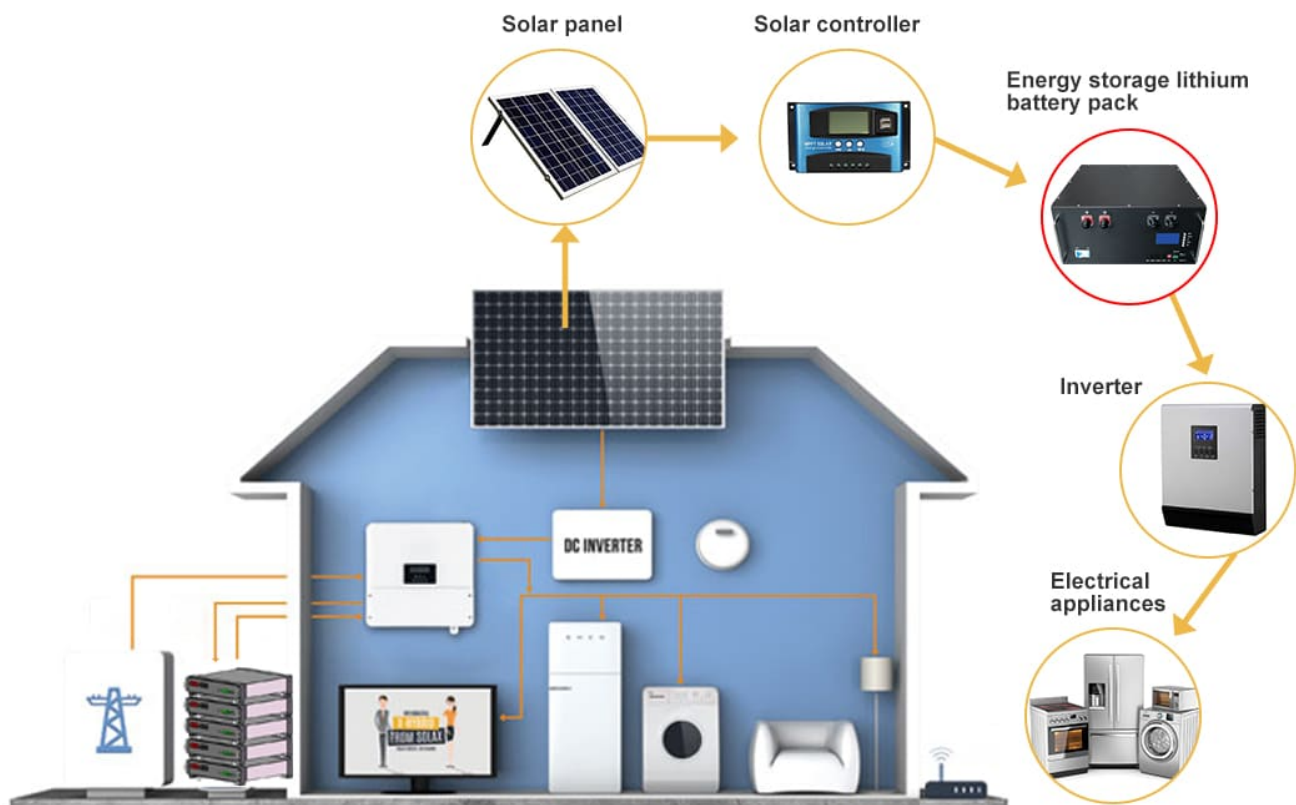


6000 CYCLES , 20 YEARS OF DESIGN LIFE

Lifepo4 battery life is 10 times longer than ordinary batteries. And can be truly maintenance-free.

Rack-Mounted Batteries(Server Rack Battery)

Electricity in the building is extremely important for energy consumption. And the way to maintain this thing is to use our rack battery. Custom solutions may be more tailored and meet individual needs, please contact us for more information.



Product

link :

<https://www.pkenergy.com/long-life-cycle-5u-48v-200ah-rack-mounted-battery-pack-module-product/>