
20Kwh 25Kwh 30Kwh 50Kwh Solar Energy Storage Battery 48V 400Ah 500Ah 600Ah 1000Ah Lithium Battery



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. Rack-mounted LiFePO4 batteries are designed with a modular structure, which is allowed to scale up or down the energy storage capacity by adding or removing battery modules as different requirements. This flexibility makes them suitable for a wide range of applications with varying energy requirements. What's more, best off grid solar batteries with rack mounted design are optimized for space utilization. They can be organized in a compact and organized manner, For limited installations space it will be a ideal choice. It also can be moved easily.

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.
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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

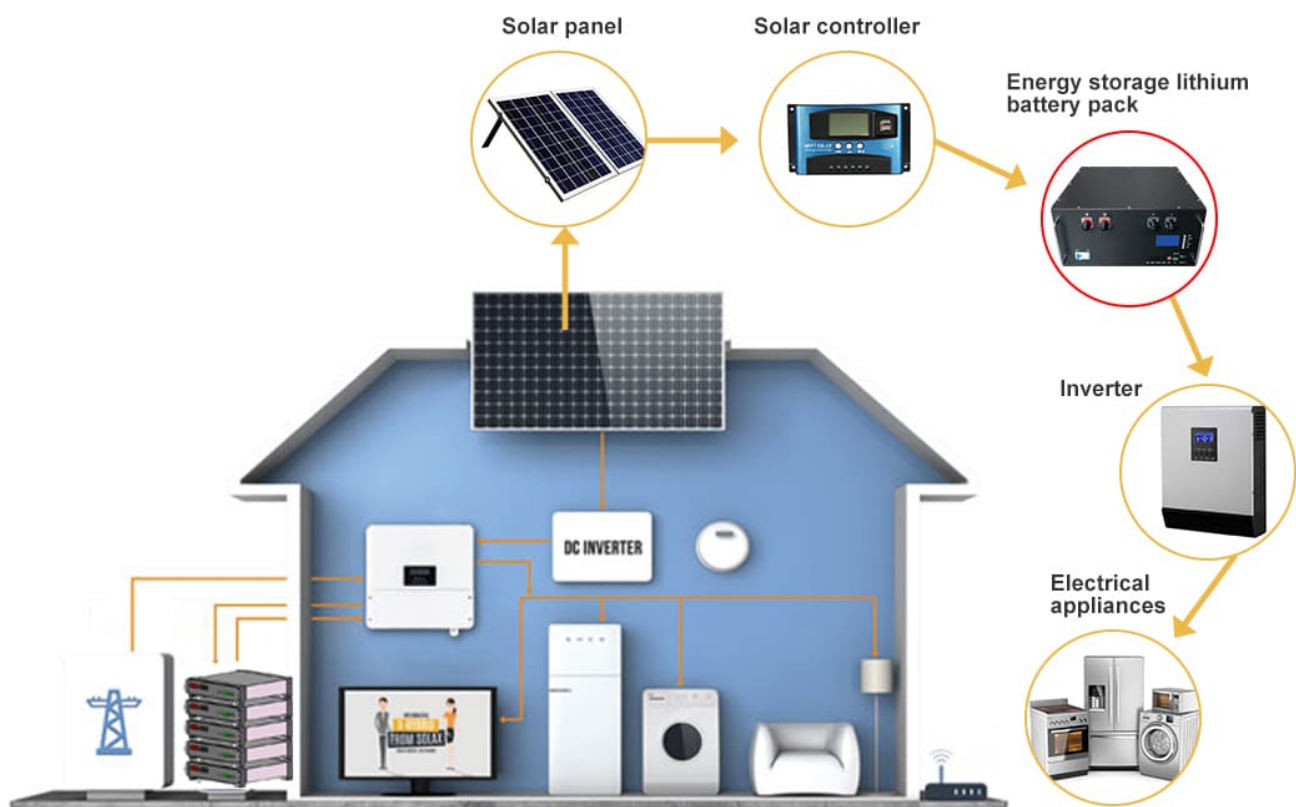
--LED Backup / Engine Starting Battery,etc.



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/20kwh-25kwh-30kwh-50kwh-solar-energy-storage-lifepo4-battery-pack-48v-400ah-500ah-600ah-1000ah-lithium-battery-product/>