
PKENERGY 15Kwh 48V 300Ah Solar Lithium Battery For Home



48v 300Ah 15Kwh Wall-Mount LiFePO4 Battery with Roller is pack designed as an Energy storage system ess battery module. It can be used in series or in parallel. It is compatible with all industry-leading standard solar charge controllers, inverters. Our lifepo4 battery solar with longer cycle life compared to other lithium-ion chemistries. Which means they can withstand a higher number of charge and discharge cycles before their capacity significantly degrades. So that thelifepo4 battery solar lead to a longer lifespan for the Powerwall and potentially lower maintenance costs over time.

Superior chemical and thermal stability, Lithium Iron Phosphate battery pack is the safest in the

lithium-ion family. It includes Canbus, RS485 communication, Modules can be connected in parallel, and paralleled modules that communicate through RS485. Battery modules communicate with the inverter via the CAN interface. Compatible with CANBUS protocol, compatible with Growatt, Goodwe, Deye inverter. Supports parallel, Best for energy storage, and more extended cycle life Module Applications. This 5kwh energy storage system battery is easy to install and keep in parallel households, small industrial businesses, tiny houses, and homes.

Features

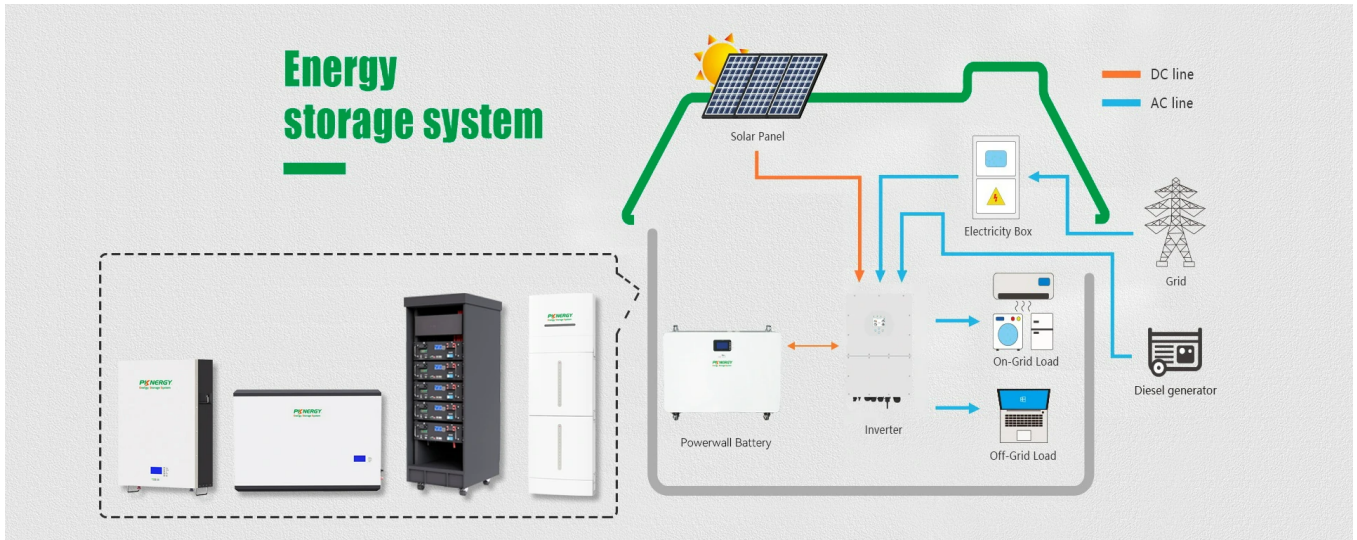
- 48v LFP-based ESS, long life expectancy of 15+ years.
- Battery bank Expandable in parallel as power needs to increase.
- Operates at 98% efficiency for more than 7000 times cycles.
- Offer up to 100% depth of discharge.
- integrated battery management system (BMS).
- Flexible control that covers all commercial fields.
- Quick and Easy Installation, Maintenance-free.

Battery Pack specifications

Model	PKG-PW512280
Cell model/Configuration	3.2V 280Ah/16S1P
Voltage	51.2V
Capacity	280Ah
Rated Energy	14.336KWh
Max.Charge/Discharge Current	200A (Optional)
Voltage Range	43.2~58.4V
Max.Scalability	Pack*6
Communieation	Inverter : RS485/CAN (According to the brand) Upper computer : RS232
Cycle Life	000 cycles@25°C , 90%DOD , 60%EOL
Design Life	15 years (25°C)
MECHANICAL SPECIFICATIONS	
Weight (Approx)	115Kg
Dimension	L240*W780*H500mm
Installation Mode	Install the wall/Place corners
IP Grade	IP21
SECURITY	
Protection 1 (BMS)	Over voltage、 Under voltage、 Over current、 Short circuit 、 Temperature、 Reverse connection
Protection 2	Breaker
Cooling	Smart cooling
ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature	Charge : 0°C~50°C , Discharge : -20°C-55°C
Humidity	≤ 95% (Non-condensing)

Model	PKG-PW512280
Altitude	≤ 2000M

Applications



Inverter Compatible



Become PKNERGY Agent or Distributor

We are continuously seeking agents or distributors, who are eager and passionate about representing PKNERGY and extending our global reach and sales worldwide.

WHY PKENERGY

- Advanced, market-leading battery solutions with competitive pricing.
- Once the partnership is concluded, we will grant the highest authority and the best service to our distributors to protect the rights and interests of distributors.
- Provide marketing support, including website construction, product photos, promotion, etc.
- Pknergy can develop and design new products according to the market feedback of distributors/agents to expand the market and meet the needs of customers.
- Pknergy engineers will train distributors/dealers engineers online to improve their professionalism.
- Provide brochures and promotional gifts such as pens, consumer batteries, battery holders, flashlights, T-shirts, etc. The amount of free goods is calculated at about 1% of the order value.

WARRANTY SERVICE

Pknergy has professional engineers conduct after-sales online.

If distributors/dealers encounter a complex problem, Pknergy engineers will come to the local area to solve it.

To become the Distributor or Dealer, please send an email to sales@pknergy.com or fill out the form for more information.



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Product

link :

<https://www.pknergy.com/pknergy-15kwh-48v-300ah-solar-lithium-battery-for-home-2-product/>