

WHAYO

Power Rack 5kWh | Low voltage battery

Whayo Power Rack is a low-voltage lithium battery specially designed for residential applications with superior performance. Compatible with Deye Growatt Solis , Whayo Power Rack can communicate intelligently and display the battery status in real time, thus extending the service life by 15 years. It can be used flexibly for self-consumption and backup applications with a wide capacity range scalable from 5 – 50 kWh. The installation and commissioning are easier and faster than ever with a simple Plug and Play wiring and module auto recognition during system setup. Meet this highly efficient solution for storing your solar power and use it whenever needed.



Smart Control

- Remote diagnosis & update
- Auto reboot after undervoltage



Long Life Span

- 15 years life design
- More than 6000 cycles



Perfect Compatibility

- Support 1-10 battery in Parallel
- Compatible to single & three phase inverters



Safe & Reliable

- Lithium iron phosphate(LFP) cell
- BMS built in & Passive protection

Whayo Power Rack

RACK MOUNTED ENERGY STORAGE BATTERY

Battery Chemistry	LiFePO ₄
Norminal Energy(KWh)	5kWh
Capacity(Ah)	100Ah
Nominal Voltage(V)	51.2V
Operating Voltage(V)	43.2-57.6V
Max. Charge/Discharge Current(A)	50A/70A
Cell Configuration	3.2V 100Ah /16S1P
Scalability	Max. 10 pcs pack (Max.50kWh) in parallel
Communication Port	CAN-Inverter,RS485(A)-Inverter,RS485(B)-BAT,RS232-PC
Cycle Life	≥6000(25 °C,0.5C/0.5C,90%DOD,70%EOL)
Design Life	15 years
Weight Approximate(kg)	44kg
Dimension(L/W/H,mm)	519*149*473mm
IP Class	IP50
Protection	BMS,Breaker
Pack Safety	CE-EMC,UL1973,IEC62619,MSDS,UN38.3
Cell Safety	CE,UL1973,IEC62619,MSDS,UN38.3
Operating Temperature (°C)	Charge:0 ~55 ; Discharge : -20 ~55
Altitude (m)	≤2000m
Humidity	≤95%(Non-condensing)

Cooperative Inverter Brand

Deye 德業

 solis

 MEGAREVO

SOLAX
POWER

SMA

SGFAR

GOODWE

Growatt

Afore

 Voltronic Power
Advancing Power

*Only a part of inverter brands are shown, please contact us for more information.

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