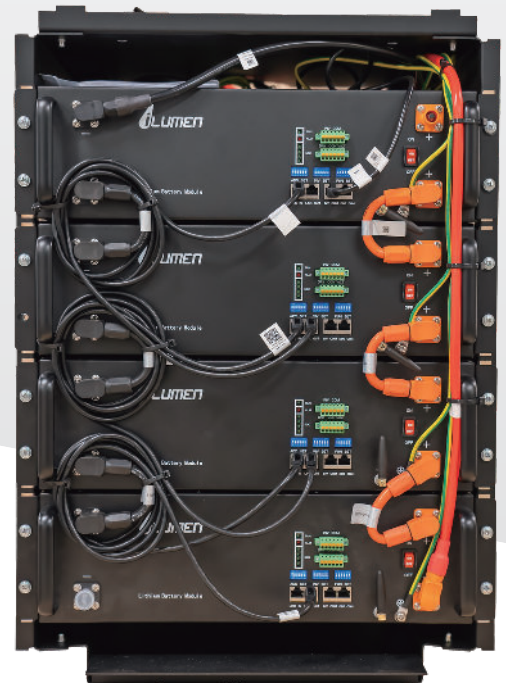


Energy Storage System

LiFePack 5.0

5.12 kWh-----158.72 kWh



Key Features



Safety

Tier-1 LifePo4 Battery with Intelligent BMS for Safety and Performance



High adaptability

Flexible configuration and strong product adaptability



High Usable Capacity

100% Usable Capacity [1]



Easily Scalable

Supports Parallel Connection of up to 31 Units for Maximum Capacity of 158.72 kWh"



Intelligent Management

App-based Monitoring and Analysis, Remote Diagnosis, and OTA Updates

[1]: Usable capacity may vary with inverters, as DOD can be adjusted through inverter settings.

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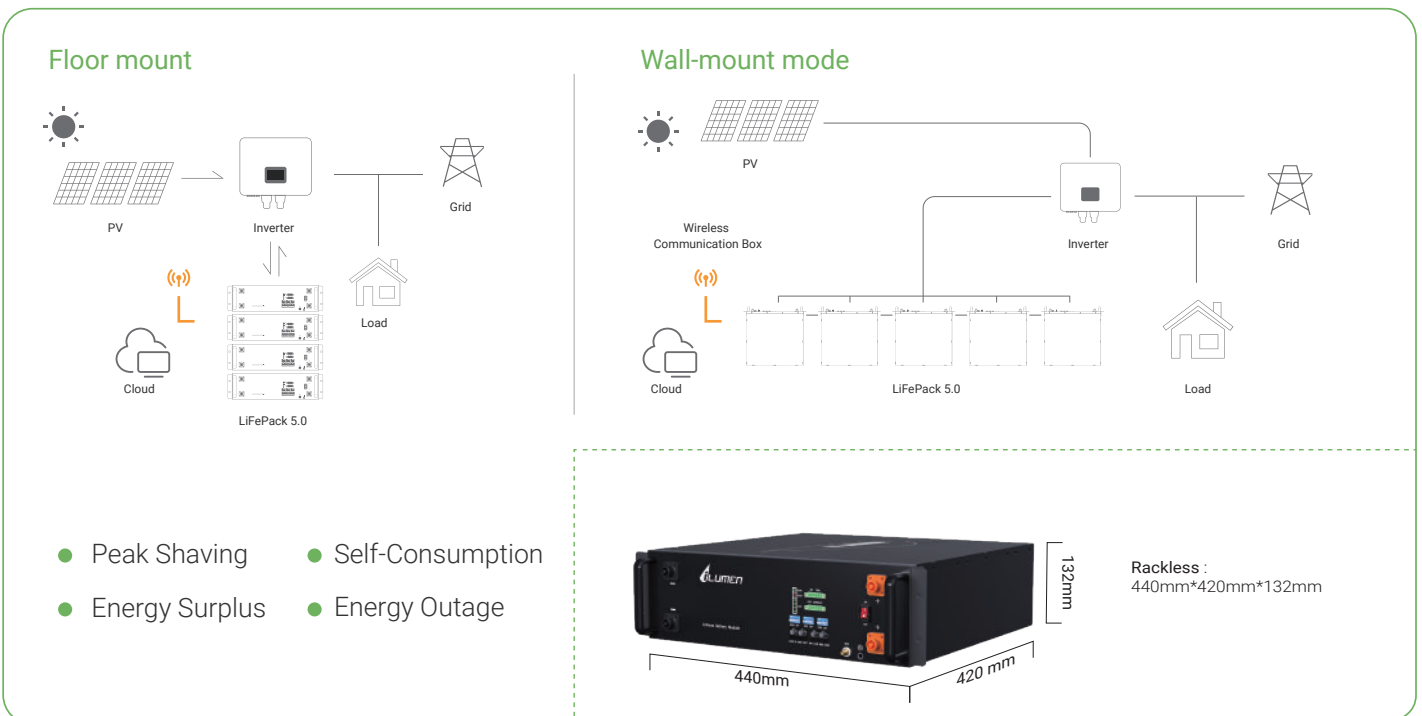
■ Main Parameters

LiFePack 5.0	
Cell Model (Ah)	100Ah/3.2V
Combination Mode	16S1P
Nominal Capacity (Ah)	100
Rated Energy(kWh)	5.12
Initial Internal Resistance (mΩ)	< 50
Rated Voltage (V)	51.2
Charge Cut-off Voltage (V)	59.2
Discharge Cut-off Voltage (V)	43.2
Standard Charge Current (A)	20
Max.Charge Current (A)	95
Standard Discharge Current (A)	50
Max.Discharge Current (A)	95
Operating Temperature (°C)	Charge 0°C ~ +50°C Discharge -20°C ~ +50°C
Life Cycle	8000 times [2]
Communication	RS485/CAN/WIFI
Weight (kg)	45±1
L×W×H (mm)	440×420×132
Certification	CE/UKCA/IEC 62619/UN 38.3/MSDS

Compatible Inverter Brands:

GOODWE **SO FAR**

■ System Layout



[2]: Based on 70% DOD, 0.2C charge & discharge @ ±25°C,70% EOL