

# 25.6V 2.5KWH

## LiFePO4 Rack-Mounted Home Energy Storage Battery



**Lemoen**  
 www.lemoen.tech



**CONNECT WITH OFFGRID/HYBRID INVERTER**



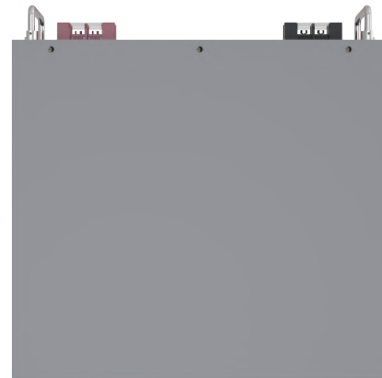
**BACKUP BATTERY**



**LITHIUM-ION BATTERY**



**3 YEAR PRODUCT WARRANTY**

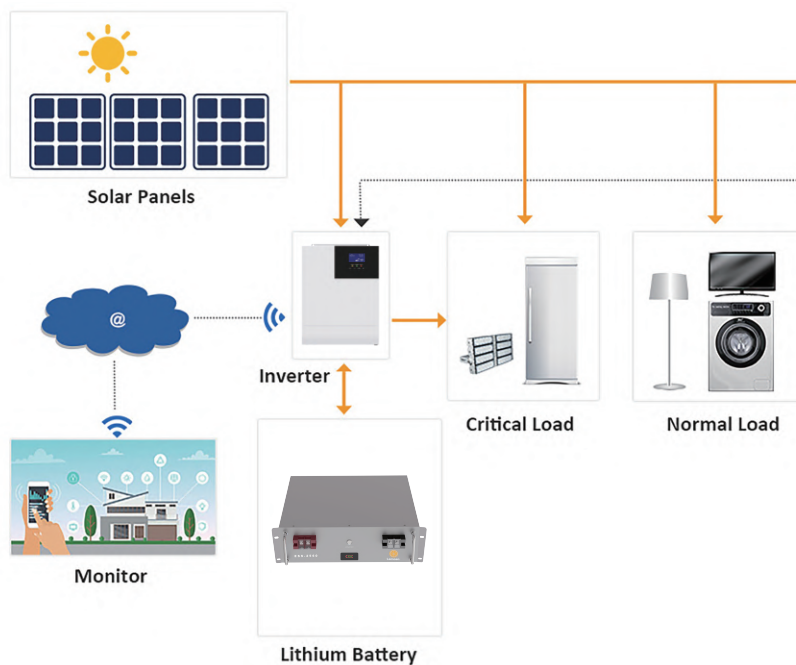


## Compatible Inverter





**Lemoen**  
www.lemoen.tech



## Parameters

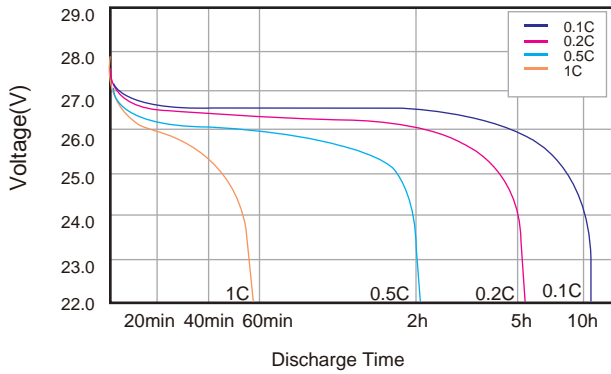
	25.6V 100Ah	25.6V 150Ah
Nominal Energy	2.5kwh	3.8kwh
Nominal Voltage	25.6V	
Nominal Capacity	100Ah	150Ah
Cell Type	LFP	
Standard Charge Voltage	29.2V	
Max Charge Current	120A	
Discharge Cut-Off Voltage	20V	
Max Discharge Current	120A	
Parallel Function	Support Connection In Series & Parallel	
Load Power	≤3000W	
Calendar Life	6+ Years @25°C	
Cycle Life *	≥3000 Cycles	
Charge temperature range	0~65°C	
Discharge temperature range	-20~65°C	
Certification	Cell:UL1642 / IEC62619 / CE / ROHS / MSDS / UN38.3 Pack:MSDS / UN38.3	
Dimensions	484*420*133mm	420*520*158mm
Weight	27Kg	40Kg
Installation method	Wall mounted/Rack Mounted	

\*Test Condition: 80% DOD, 0.2C charge & discharge @25°C

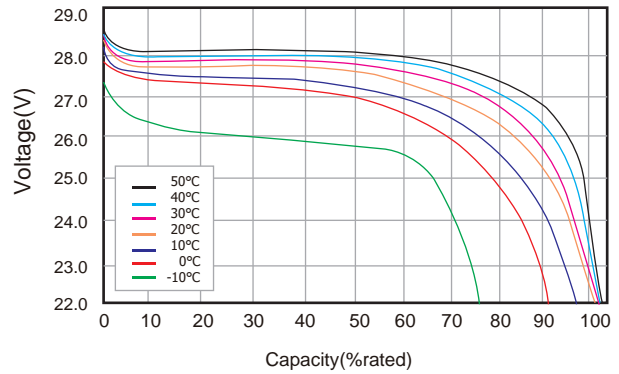


## ● Different current/Temperature Discharge curves

Different Rate Discharge Curve @25°C

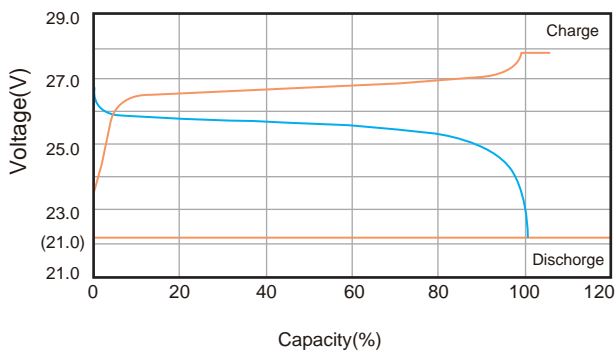


Different Temperature Discharge Curve @0.5C

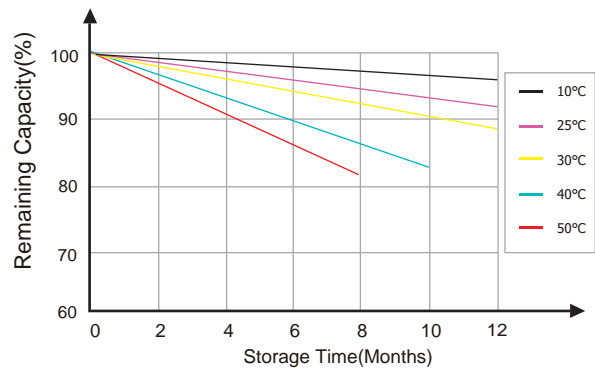


## ● Charging and Discharge curve

Charge and Discharge at 25°C,0.5C

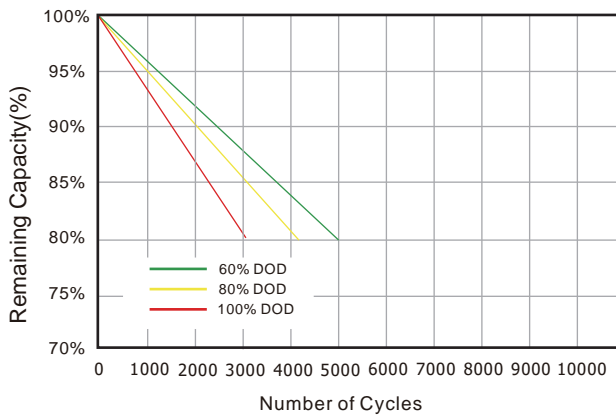


Different Temperature Self Discharge Curve



## ● Cycle Life Curve

Different Discharge Depth Life Curves & 25°C,0.5C



Different Discharge Depth Life Curves & 40°C,0.5C

