

25.6V 2.5KWH

LiFeP04 Rack-Mounted Home Energy Storage Battery



Lemoen
www.lemoen.tech



CONNECT WITH
OFFGRID/HYBRID
INVERTER



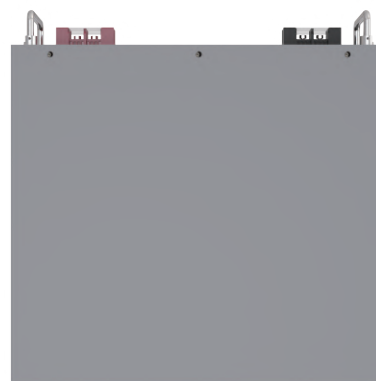
BACKUP
BATTERY



LITHIUM-ION
BATTERY



3 YEAR PRODUCT
WARRANTY



Compatible Inverter

SUN  SYNK®

 **SRNE**

 **victron energy**
BLUE POWER

 **Growatt**
POWERING TOMORROW

 **Deye** 德業®

 **SOROTEC**
Power Solutions Expert

 **Voltronic Power**
Advancing Power

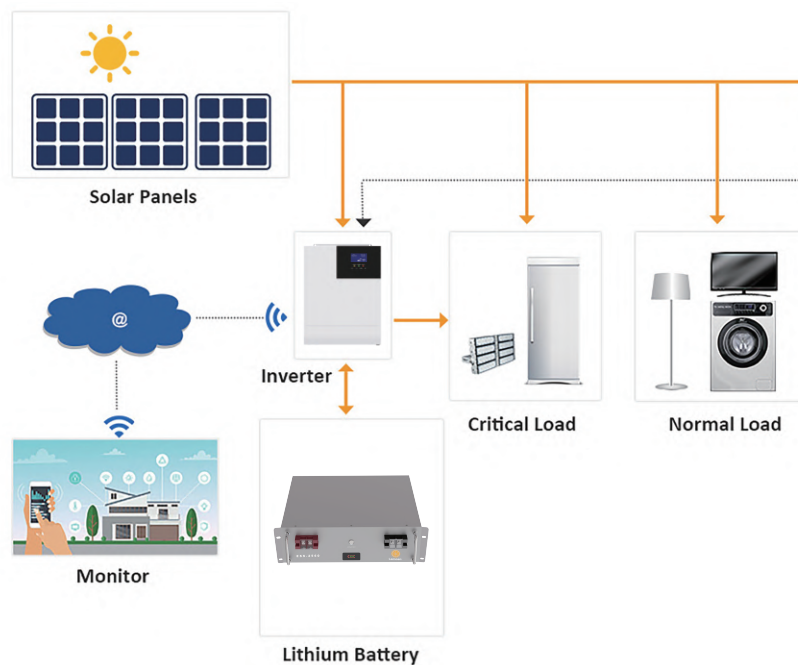
 **LUXPOWERTEK**

 **MUST**®

 **EPEVER**
EPSOLAR TECHNOLOGY



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	

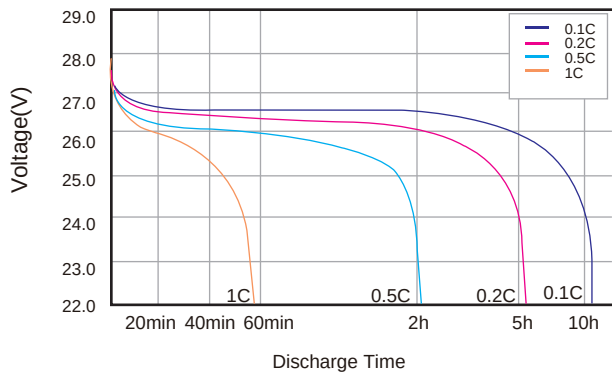
*Test Condition: 80% DOD, 0.2C charge & discharge @25°C



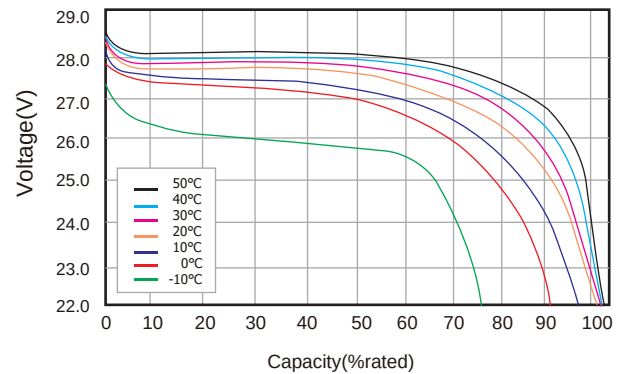
Lemoen
www.lemoen.tech

● Different current/Temperature Discharge curves

Different Rate Discharge Curve @25°C

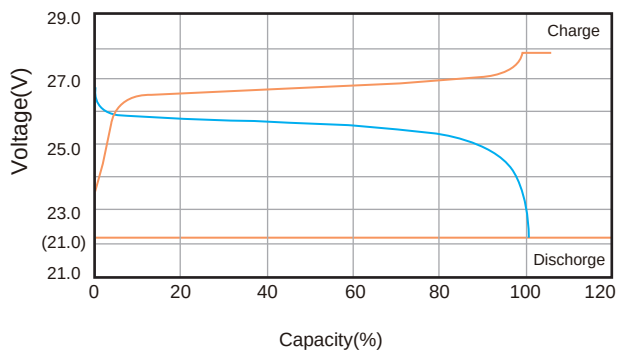


Different Temperature Discharge Curve @0.5C

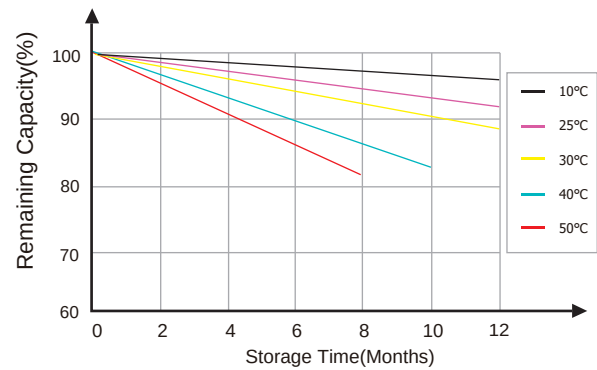


● Charging and Discharge curve

Charge and Discharge at 25°C,0.5C

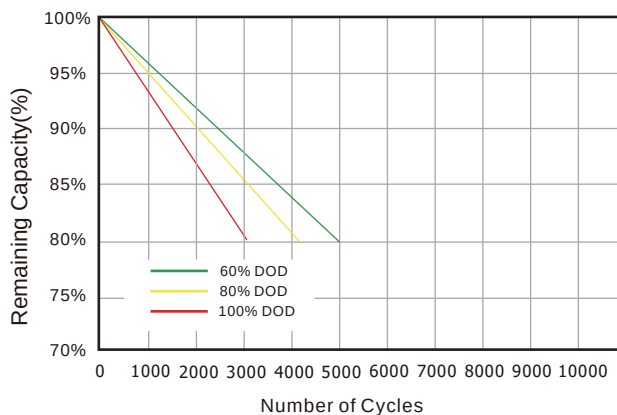


Different Temperature Self Discharge Curve



● Cycle Life Curve

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



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

