

- Intelligent BMS
- Scalable modular architecture
- More than 6000 cycle life at 80% DOD
- Easy installation & low deployment cost

PRODUCT INFORMATION

Robuste LR24V100AH is an ideal solution for residential/business storage applications, with standard 24V/100AH specification, up to 80% usable capacity. The battery is one of the best selling Lithium-ion batteries on the market globally. This Robuste 2.56kWh LR24V100AH model can be used in many homes and businesses. It's reliable, affordable, slim and easy to install.

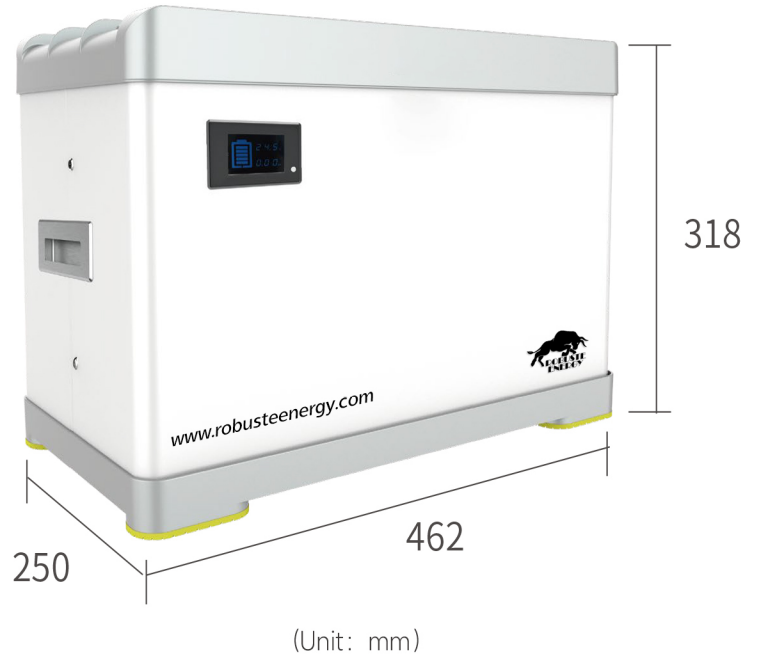
MAIN SPECIFICATIONS

Item	General Parameter	Remark
Model	LR24V100Ah	-
Cell Type	LiFePO4 Battery / LFP	-
Nominal Capacity	100 Ah	-
Nominal Voltage	24 V (25.6 V)	Main Operation Voltage
Electricity (kWh)	2.56 kWh	-
Input	Full Charge Voltage: 28.8 V - 30 V	Solar Input Parameters
	Input Voltage Range: 30 V - 50 V	
Max Solar Input Current	50 A	-
Output Current	100 A	Continuously Use
Discharge Cut-Off Voltage	20 V - 24 V	-
Instant Start Current	400 A	-
Cycle Life	> 6000 Times	@ < 0.5C Discharge
Depth of Discharge	> 80%	-
Self-Discharge	< 3% / Month	Measured @ 25°C
Operation Temperature	-15°C ~ 60°C	Range
Storage Temperature	-20°C ~ 40°C	Short-Term (1 Month)
	10°C ~ 35°C	Long-Term (1 Year)
Storage Humidity	≤ 75% RH	-
Protection Delays	Rshoot: 1000ms Discharge: 1000ms	Short Circuit: 300us
Dimensions (Product)	462 x 250 x 318 mm	± 2 mm
Warranty	10 Years	Standard Manufacturer

BATTERY MANAGEMENT SYSTEM

- Overcharge protection
- Over discharge protection
- Over current protection
- Short circuit protection
- Temperature protection
- High quality chip

BATTERY DIMENSIONS



More Available Power



Flexible Investment



Simple Installation



Safe & Reliable

