



ENERGY STORAGE BATTERY

-Rack Mounted Type

- Easy Operation and installation
- Flexible Expansion in parallel
- Compatibility with many inverter brands
- Wake up by voltage or communication
- Low self-consumption for storage or long rainy days
- High safety level with automotive LFP cell and function safety design
- Fire fighting device inside battery
- High peak current to start the inductive load



SPECIFICATION

Model Battery Chemistry	RE-L-5.0-X03
Cell string	Lithium Iron Phosphate (LiFePO4)
Nominal Voltage	15S
Battery capacity	48V
Nominal Energy	105Ah
Usable Energy	5.04KWh
Operating Voltage Range	4.54KWh
Recommended Charge/Discharge Current	37.5V-54V
Max. Charge/Discharge Current (Peak)	50A
Dimension (W*D*H)	100A
Weight(Kg)	442*150*480 mm(exclude handle)
	45Kg
Operating Temperature Range	Charge: 0°C ~ +45°C
	Discharge: -20°C ~ +55°C
Recommended Operating Environment	+15 ~ +35°C
Storage Temperature	-20 ~ +45°C
Humidity	5%~95%
Altitude (m)	<2000
Design Life	10+Years
Cycle Life	>6000cycles,@0.5C @25°C DOD 80%
Certifications	IEC62619/CE/UN38.3