






 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



Model	LV48V
Battery Chemistry	Lithium Iron Phosphate (LiFePO4)
Cell string	15S
Nominal Voltage	48V
Battery capacity	105Ah
Nominal Energy	5.04KWh
Usable Energy	4.54KWh
Operating Voltage Range	37.5V-54V
Recommended Charge/Discharge Current	50A
Max. Charge/Discharge Current (Peak)	100A
Dimension (W*D*H)	442*150*480 mm(exclude handle)
Weight(Kg)	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