

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

48V 5.04KWh Lithium Battery Module



MODEL	EVI A100LFP-48R
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

DIMENSIONS

Dimension (W*D*H)	442*150*480 mm(exclude handle)
Weight(Kg)	45Kg

OPERATION

Temperature

Operating Temperature Range	Charge: 0°C ~ +45°C Discharge: -20°C ~ +55°C
Recommended Operating Environment	+15 ~ +35°C
Storage Temperature	-20 ~ +45°C

Other specifications

Humidity	5%~95%
Altitude (m)	<2000
Design Life	10+Years
Cycle Life	>6000cycles,@0.5C @25°C DOD 80%
Certifications	IEC62619/CE/UN38.3

*These figures are based on VDE-4105 standard. All figures may vary depending on different AC voltage and country requirements.

** Power derating 1% every 100 m when altitude is over 1000m.
Product specifications are subject to change without further notice.