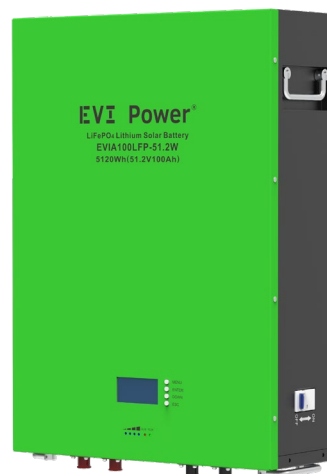


EVIA100LFP-51.2W

51.2V 100Ah (5.12 kWh)

Wall mounted lithium battery pack
with built-in BMS with LCD,
5 Year Warranty



Benefits of Lithium

- High capacity, low weight, increased energy in given space
- Fast charging
- High operational reliability
- Safest lithium technology
- Excellent long life times
- Built-in intelligent BMS to protect the battery pack at any time and prolong its service life
- Maintenance free

Specifications

Nominal Characteristics

EVI Part no.		EVIA100LFP-51.2W
Nominal voltage		51.2V
Typical capacity		100Ah
Typical energy		5120Wh
Cells type/chemistry		Prismatic-LiFePO4
Gravimetric Energy Density		102Wh/Kg
Dimensions	Length	580mm
	Width	415mm
	Height	150mm
Reference Weight		50Kg
Case Material		Iron
Cycle life		>6000 cycles(80% DoD)
Optional features		With CAN+RS485+RS232

Certifications and standards

Products

- UL1642(cells)
- FCC
- UN38.3
- IEC62619

MS certifications

- ISO9001
- ISO14001
- OHSAS 18001

Electric characteristics

Charge method	CC/CV
Charge voltage Range	57.2~58.4V
Max. continuous Discharge Current	100A
Max. continuous Charge Current	100A
Discharge Pulse Current (5 sec)	300A
End of Discharge Voltage	40V

Operating Environment

Charge Temperature	0°C~50°C
Discharge Temperature	-20°C~60°C
Storage Temperature	-20°C~60°C
Optional protection class	IP30~IP65

