



EPSILON 12V90AH

The Epsilon 12V90Ah is an intelligent lithium iron phosphate battery (LiFePO4) with a capacity of 90Ah. The Epsilon is a lead-acid replacement. It has superior weight reduction, enormous energy reserves, and stable voltage even at extreme loads. This lithium battery is suitable for 12V installations. Its integrated BMS and Bluetooth functionality give 24/7 information about the status of your lithium battery.

Nominal capacity	90Ah
Nominal voltage	12.8V
Dimensions (LxWxH)	353 x 175 x 190 mm / 13.9" x 6.9" x 7.5"
Open circuit voltage	13.2V

[FIND YOUR DEALER >>](#)

[CONTACT US >>](#)

PRODUCT SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

Nominal capacity	90Ah
Open circuit voltage	13.2V
Self-discharge	<3% per month
Cycle life	>5000 cycles (at 100% DoD)
Voltage	12V

CHARGE & DISCHARGE SPECIFICATIONS

Charge method	CCCV
Charge voltage	14.3V - 14.6V
Max. charge current	90A
End of discharge voltage	8V
Discharge current continuous	200A
Discharge pulse current	350A (10 sec)

COMPLIANCE SPECIFICATIONS

Certifications	CE, FCC, UN 38.3, UN ECE R10.06, UL 1642 (Cells)
Shipping classification	UN 3480

MECHANICAL SPECIFICATIONS

Dimensions (LxWxH)	353 x 175 x 190 mm / 13.9" x 6.9" x 7.5"
Weight	12.5 kg / 27.6 lbs
Case material	PBT + PC
Ingress protection	IP51
Cell type / Chemistry	Cylindrical - LiFePO4

TEMPERATURE SPECIFICATIONS

Charge temperature	-10°C to 45°C / 14°F to 113°F
Discharge temperature	-20°C to 60°C / -4°F to 140°F
Storage temperature	-10°C to 35°C / 14°F to 95°F

GENERAL SPECIFICATIONS

EAN-13	8718531361317
Battery designation	[FP19/67[60p4s] M/-20+60/90

PERFORMANCE

- Low maintenance
- Fast charging
- Safest lithium technology
- High discharge currents
- High capacity
- Low weight
- High cycle count
- Low self-discharge

CERTIFICATIONS



DOWNLOADS

- MANUAL EPSILON 12...
- DATASHEET EPSILO...
- QUICK START GUIDE ...
- CHARGING MANUAL
- MATERIAL SAFETY D...

RELATED PRODUCTS

- SB TOUCH DISPLAY
- SB BM01 12-24V
- NOMIA 12V210AH
- NOMIA 12V160AH

RECEIVE SUPER B UPDATES

E-mail address

Application

I'm not a robot

[SUBMIT >>](#)