RV

SUPPORT

ABOUT US

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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

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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 87 Discharge current continuous 200A Discharge pulse current 350A (10 sec)

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

COMPLIANCE SPECIFICATIONS

Shipping classification UN 3480

353 x 175 x 190 mm / 13.9" x 6.9" x 7.5"

Dimensions (LxWxH)

MECHANICAL SPECIFICATIONS

Weight 12.5 kg / 27.6 lbs Case material PBT + PC

Ingress protection IP51 Cell type / Chemistry Cylindrical - LiFePO4

Charge temperature -10°C to 45°C / 14°F to 113°F

TEMPERATURE SPECIFICATIONS

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

IFpR19/67[60p4s] M/-20+60/90

PERFORMANCE

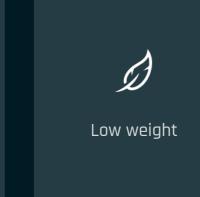


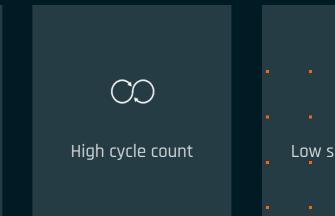












CERTIFICATIONS





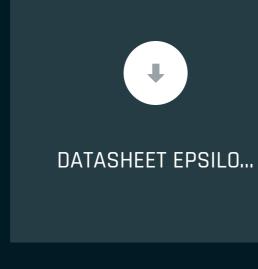


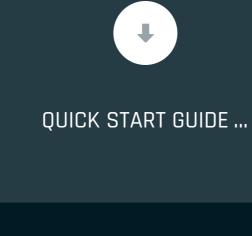


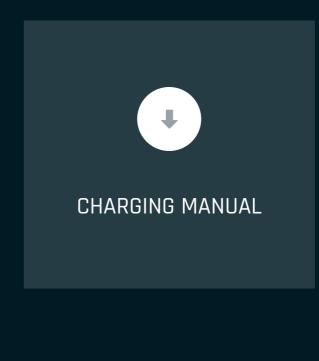
UN ECE R10.06

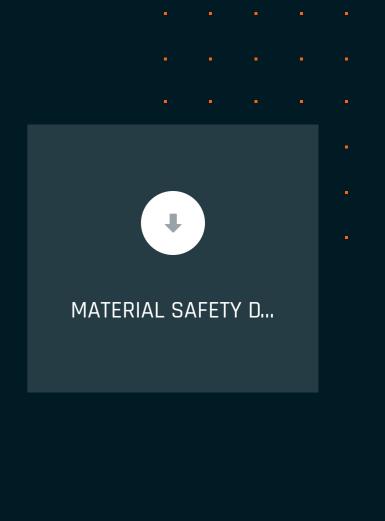
DOWNLOADS











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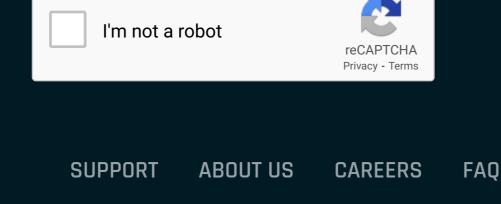




Application

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