BE IN CHARGE WITH THE

EPSILON 12V180Ah

Built around an advanced BMS with real-time app monitoring and nine temperature sensors for immediate response. Coated aluminum terminals reduce heat buildup, while premium-grade cells are selected for long-lasting, balanced performance. IP56-rated and ready for whatever comes next.

Connect your Epsilon to the Be In Charge App via Bluetooth. Monitor performance in real time, control your battery, and update firmware to unlock new features.





Safety features

- Advanced cell balancing to support performance and lifespan
- Overcurrent and short-circuit protection
- Overvoltage and undervoltage protection
- High and low temperature protection
- Over-discharge protection
- Terminal thermal protection: detects loose cable connections

1. **Advanced BMS with app** monitoring for real-time status, event logging, and safe operation
2. **Nine temperature sensors** for immediate response and consistent performance
3. **Coated aluminum terminals** for efficient conductivity and reduced heat buildup
4. **Smart heating system** for cold-weather protection and a long battery life
5. **IP56-rated** for resistance to dust and high-pressure water, built for demanding conditions
6. **Compatible with third-party devices** through CAN / LIN bus connections

Discover the Epsilon: the motorhome battery, redefined.

Go off-grid, stay in control. Epsilon is made for life on the move: smart, rugged, and always ready. With built-in heating, protection, and app control, it powers your journey in every season.

ELECTRICAL SPECIFICATIONS

Nominal Capacity	180Ah
Energy	2304 Wh
Open Circuit Voltage	13.2V
Cycle Life	>5000 cycles

CHARGE & DISCHARGE SPECIFICATIONS

Charge Method	CCCV
Charge Voltage	14.3V – 14.6V
Max. Charge Current	135A
End of Discharge Voltage	10V
Discharge Current Continuous	200A
Discharge Pulse Current	350A

GENERAL SPECIFICATIONS

EAN-13	8718531362833
Battery Designation	IFpR/33140[12P4S] M/-20+60
Nominal Voltage	12.8V

COMPLIANCE SPECIFICATIONS

Certifications	CE, FCC, UKCA, RED, RoHS, UN 38.3, UN ECE R10.06, UL 1642 (Cells)
Shipping Classification	UN 3480

MECHANICAL SPECIFICATIONS

Dimensions (L×W×H)	353 × 175 × 190 mm (13.9” × 6.9” × 7.5”) (=DIN H8 / LN5)
Weight	15.4 kg (33.95 lbs)
Case Material	PC/ABS
Ingress Protection	IP56
Cell Type / Chemistry	$LiFePO_4$

TEMPERATURE SPECIFICATIONS

Charge Temperature	-30°C to 55°C (-22°F to 131°F)
Discharge Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-20°C to 45°C (-4°F to 113°F)

CONNECTIVITY

CAN Bus	CANopen Victron compatible (Firmware >=v1.6.0)
LIN Bus	CI-Bus
I/O ports	External On/Off button Generator and inverter control Analog State-of-Charge output
Bluetooth	Be in Charge App