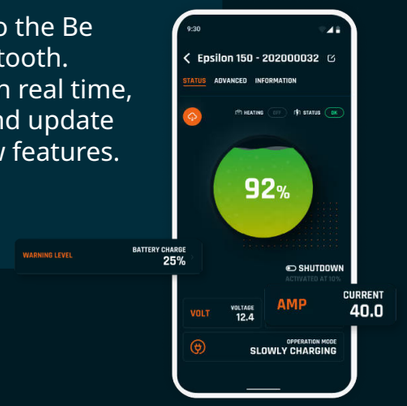
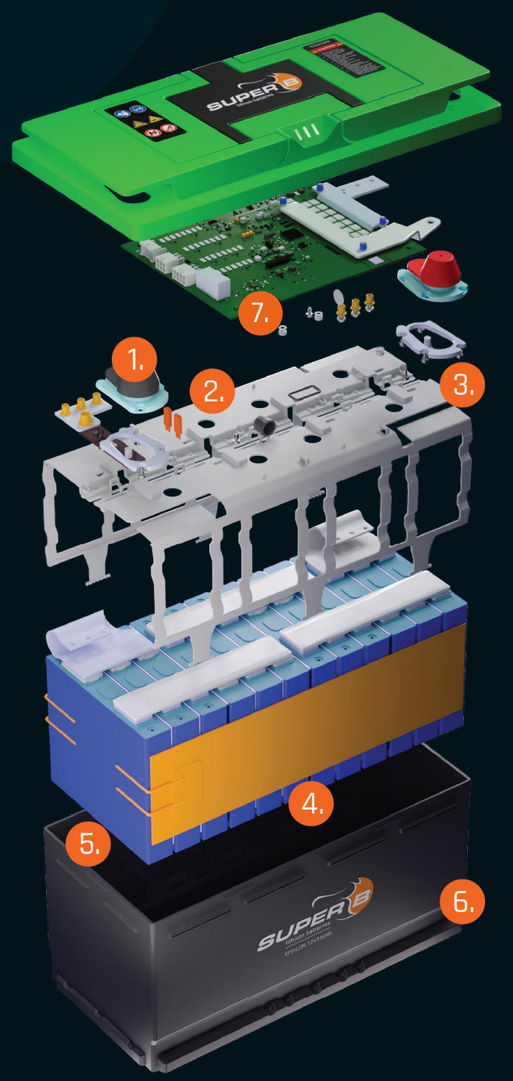
BE IN CHARGE WITH THE

EPSILON 12V100AH

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.





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. **Premium-grade prismatic cells** selected for long-lasting, balanced performance
6. **IP56-rated** for resistance to dust and high-pressure water, built for demanding conditions
7. **Compatible with third-party devices** through CAN / LIN bus connections

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

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	100Ah
Energy	1280 Wh
Open Circuit Voltage	13.2V
Cycle Life	>5000 cycles (at 100% DoD)

CHARGE & DISCHARGE SPECIFICATIONS

Charge Method	CCCV
Charge Voltage	14.3V – 14.6V
Max. Charge Current	90A
End of Discharge Voltage	8V
Discharge Current Continuous	190A
Discharge Pulse Current	300A

GENERAL SPECIFICATIONS

EAN-13	8718531362208
Battery Designation	lFpP/27/148/135[3p4s] M/-20+60/95
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)	278 x 175 x 190 mm / 11” x 6.9” x 7.5” (=DIN H6 / LN3)
Weight	10.7 kg / 23.6 lbs
Case Material	PC/ABS
Ingress Protection	IP56
Cell Type / Chemistry	Prismatic – $LiFePO_4$

TEMPERATURE SPECIFICATIONS

Charge Temperature	-30°C to 45°C (-22°F to 113°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