



REVOV 12.8V 100Ah 1.280kWh

REVOV 1st LiFe batteries are energy storage Lithium Iron Phosphate batteries, made up of automotive grade cells, which are designed to withstand harsher conditions, extreme temperatures and have a higher energy density.

REVOV LiFePO₄ are designed to be a part of an inverter-controlled energy storage system for residential, business or factory power backup.

KEY FEATURES

- Safe **LiFePO₄** Chemistry
- Long Lifecycle
- High Temperature Performance
- High Energy Density
- High Charge and Discharge Rate
- High Efficiency
- Integrated battery management system (BMS)
- Bluetooth app that allows for the measurement of battery's total Voltage, remaining SoC, temperature and time left until fully discharged

CODE: LIFE-12.8V-BTBMS-100-1.3

WARRANTY

REVOV Batteries (PTY) LTD: 3 years or 2 000 cycles.

DOD During normal use, the unit can be discharged safely to 80% of its rated capacity. Battery life is shortened if the unit is discharged beyond its rated capacity. The battery must be charged to 100% on every cycle to ensure warranty.

SPECIFICATIONS

12V 100Ah 1.28kWh	
Model	12V 100Ah
Battery Type	LiFePO ₄
Battery Capacity	100Ah
Power Capacity	1.28kWh
Voltage	
Nominal	12.8V
Float Charge	13.7V
Absorption Charge	14.1V
Current	
Maximum Charge/Discharge	70/70A
DoD	80%
Weight & Dimensions	
Dimensions (LxWxH)	330mm x 170mm x 230mm
Battery Weight	9kg
Temperature	
at Charging	0 - 45°C
at Discharging	-10 - 45°C
Other	
Enclosure Protection	IP20
Design Cycle Life	3500
Access Interface	Bluetooth application
Compatible Inverters	All 12/24V lithium capable chargers
Storage Conditions	15 - 25°C at 50% SoC (charge every 6 months)
Warranty	3 years / 2000 cycles