



## REVOV 12.8V 100Ah 1.28kWh

REVOV batteries are energy storage Lithium Iron Phosphate batteries, which are designed to withstand harsh conditions, extreme temperatures and have a high energy density.

REVOV  $\text{LiFePO}_4$  are designed to be a part of an inverter-controlled energy storage system for residential, business or factory power backup.

### KEY FEATURES

- Safe  $\text{LiFePO}_4$  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 the 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 <sub>4</sub>
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	± 22kg
Temperature	
at Charging	0 - 45°C
at Discharging	0 - 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

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