



01 INTRODUCTION

REVOV batteries are energy storage lithium iron phosphate batteries that use superior 16 cell configuration, made up of Energy Storage Grade Cells, which are designed to withstand harsh conditions, extreme temperatures and have a high energy density.

REVOV LiFePO_4 are designed to be a part of an inverter-controlled energy storage system for residential, business or factory power backup.

02 KEY FEATURES

- Safe LiFePO_4 chemistry
- Long lifecycle
- High temperature performance
- High energy density
- High charge and discharge rate
- 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



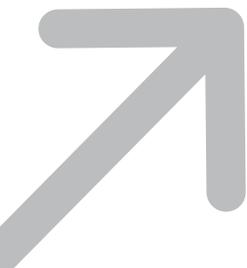
DOD



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.



03 SPECIFICATIONS



12.8V 100AH 1.28KWH	
Model 12 V	100Ah
Battery type	LiFePO ₄
Battery capacity	100Ah
Power capacity	1.28kWhh

Voltage	
Nominal	12.8V
Float charge	13.7V
Absorption charge	14.1V

Current	
Maximum charge/discharge	70 / 70 A
DoD	80%

Weight and Dimensions	
Dimensions [L x W x H, mm]	330 mm x 170 mm x 230 mm
Battery weight	± 10 kg

Temperature	
Charging	0 - 45°C
Discharging	0 - 45°C

Other	
Enclosure protection	IP20
Design cycle life	3 500
Access interface	Bluetooth application
Compatible inverters	All 12 / 24 V lithium capable chargers
Storage conditions	15 - 25°C at 50% SoC (charge every 6 months)
Warranty	View full warranty on www.revov.co.za

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