# REVOV

### B100 51.2V 100Ah 5.1kWh

**REVOV** batteries are energy storage Lithium Iron Phosphate batteries that use superior 16 cell configuration, made up of automotive grade cells, which are designed to withstand harsh conditions, extreme temperatures and have a high 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 LiFePO<sub>4</sub> Chemistry
- Long Lifecycle
- High Temperature Performance
- High Energy Density
- High Charge and Discharge Rate
- High Efficiency
- Integrated CAN Bus Battery Management System (BMS)
- LCD Display showing battery information

#### CODE: LiFe-4U-IntBMS-B100-5.1

#### WARRANTY

REVOV	<ul> <li>Batteries (PTY) LTD: The warranty is valid for either a time period of 10 years or a cycle count of:</li> <li>6000 cycles at 80% Depth of Discharge (DoD)</li> </ul>	
	<ul> <li>5000 cycles at 90% Depth of Discharge (DoD)</li> </ul>	
	<ul> <li>3500 cycles at 100% Depth of Discharge (DoD)</li> </ul>	
	- whichever lapses first.	
DOD	When used properly every day the B100 can be safely discharged to 100% of its ro	
	Battery life is shortened if it is discharged beyond its rated Ah capacity.	

DOAh capacity.

## FREEDOM FROM DEPENDENCE

#### SPECIFICATIONS

ModelB100Battery TypeLIFePO₄Battery Capacity100AhPower Capacity5.1kWhPower Capacity5.1kWhPower Capacity5.1kWhPower Capacity54.5VAnninal51.2VFloat Charge54.5VAbsorption Charge700/100AAbsorption Charge100/100ACurrent0Battery Dimensions (LxWxH)480mm x 482mm x 177mmBattery Weight42kgCharging0-45°CGr Charging0-45°COther1000Design Cycle Life7000Communications InterfaceCAN BusCompatible InvertersAll leading inverter brandsStorage Conditions15-25°C of 50% SoC (charge every 6 months)Maranty100 years / S300 cycles @90% Doop 10 years / S000 cycles @90% Doop 10 years / S000 cycles @90% DoopMax Depth of Discharge (Dob)100%	B100 51.2V 100Ah 5.1kWh			
Battery Capacity         100Ah           Power Capacity         5.1kWh           Power Capacity         5.1kWh           Voltage         51.2V           Nominal         51.2V           Float Charge         54.5V           Absorption Charge         50.5V           Maximum Continuous Charge/Discharge         100/100A           Weight & Dimensions         100/100A           Battery Dimensions (LxWxH)         480mm x 482mm x 177mm           Battery Weight         42kg           Comperative         100 - 45°C           at Charging         0 - 45°C           at Discharging         0 - 45°C           Discharging         0 - 45°C           Communications Interface         CAN Bus           Compatible Inverters         All leading inverter brands           Storage Conditions         15 - 25°C at 50% SoC (2harge every 6 months)           Warranty         10 years / 5000 cycles @100% DoD 10 years / 5000 cycles @90% DoD 10 years / 5000 cycles @90% DoD 10 years / 5000 cycles @90% DoD	Model	B100		
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Max Depth of Discharge (DoD) 100%	Warranty	10 years / 5000 cycles @90% DoD		
	Max Depth of Discharge (DoD)	100%		

Enquiries: enquiries@revov.co.za Enquiries: 010 035 6061 WhatsApp: +27 (0)73 159 5938 Technical Service Desk: 010 035 0680 Technical Service Email: support@revov.co.za Website: www.revov.co.za



Unit 1, Cranberry Industrial Park, 1486 Cranberry Street, Honeydew, Roodepoort, 2040 • GPS: 2604'46.9"S 2755'31.7"E