



**2<sup>nd</sup> LiFe**  
**R100 51.2V**  
 100Ah 5.12kWh

## KEY FEATURES

- Automotive Grade Cells-16 cell configuration
- Integrated CAN bus RS485 BMS.
- LCD display shows battery information.
- Pre-configured with optimal parameters.
- No other LiFePO4 battery offers this functionality, longevity and warranty at our price.
- Warranted for daily cycling.

## BUILT IN PROTECTION

- Over-discharge Protection.
- Temperature Protection.
- Short Circuit Protection.

**FREEDOM**  
**FROM DEPENDENCE**  
 WWW.REVOV.CO.ZA

## ONE BATTERY INSTALLATION

Best **Quality** + Best **Price** = Most **Affordable**

The **REVOV 2<sup>nd</sup> LiFe R100** is designed to deliver instant, clean and quiet electricity to your home or office. REVOV's 16 cell design using superior automotive grade cells improves performance under all loads and extends battery life. The LiFePO4 chemistry and high cycle life of this battery is suitable for a solar DC system where daily cycling is required, and for DC backup functionality.

**With a 5kWh capacity**, you can start your DC backup system with one battery. Your power assurance system can grow according to your usage patterns and be adaptable to consumption requirements – panels and batteries can be added as you need.

No LiFePO4 Battery offers this functionality with this longevity and warranty at this price.

**REVOV 2<sup>nd</sup> LiFe** batteries are environmentally responsible, reducing electronic waste, reusing important materials and enabling the move away from fossil fuels. The product delivers extreme temperature resilience and high energy density and in a low weight form factor that allows rack or wall mounting.

**CAN bus ENABLED**



## 2nd LiFe R100 51.2V

100Ah 5.12kWh

### SPECIFICATIONS

Nominal Voltage	51.2V
Nominal Capacity	100Ah (at rate of 1C)
Energy	5.12kWh (at rate of 1C)
Max Current	100A
Recommended Recharge	3 Hours at 40A
Boost / Absorption Voltage	55.5V
Float Voltage	54.5V
Discharge cut-off Voltage	48V
Standard charging Current	40A
Recommended Discharge Rate	0.6C
Recommended continuous discharge current	60A
Size: Length x Width x Height	420mm x 480mm x 177mm
Weight	42kg

\* LCD Display Screen

### OPERATING CONDITIONS

<b>Operating Temperature</b>	Zero to 50°C
<b>Warranty</b>	10 years or 3 500 cycles at 1 cycle per day
<b>DoD</b>	When used properly every day the R100 can be safely discharged to 100% of its rated 100Ah capacity. Battery life is shortened if it is discharged beyond 100Ah.

#### REVOLV TECH TIP

Design your installation around the output you require from the inverter. Double that required output to decide on the energy capacity of your batteries. Multiply that output by 4 and divide by average daily sunny hours to guide your planned solar panel capacity.

### BUILT-IN PROTECTION

- Over-discharge protection.
- Over-charge protection.
- Temperature protection.
- Short Circuit Protection.

### OPTIONAL

- Parallel connection is optional.
- Battery rack or cabinet is optional.