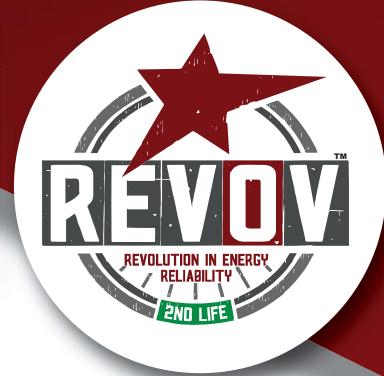




2ND LIFE



**R100 51.2V 100Ah 5.1kWh**

**REVOV 2<sup>nd</sup> LiFe** batteries are energy storage Lithium Iron Phosphate batteries that use superior 16 cell configuration, made up of repurposed automotive grade cells, which are designed to withstand harsh conditions, extreme temperatures and have a high energy density.

**REVOV 2<sup>nd</sup> LiFe** batteries are environmentally responsible, reducing electronic waste and repurposing important materials.

## KEY FEATURES

- Safe **LiFePO<sub>4</sub>** Chemistry
- Long Lifecycle
- High Temperature Performance
- High Energy Density
- High Charge and Discharge Rate
- High Efficiency
- Integrated Battery Management System (BMS)
- LCD Display - showing battery information

**CODE:** 2LIFE-R9-UBMS-R100-5.1

## WARRANTY

**REVOV Batteries (PTY) LTD:** 10 years or 3 500 cycles at 1 cycle per day

**DOD** When used properly everyday the R100 can be safely discharged to 100% of its rated capacity. Battery life is shortened if it is discharged beyond its rated Ah capacity

## SPECIFICATIONS

<b>R100 51.2V 100Ah 5.1kWh</b>	
<b>Model</b>	R100
<b>Battery Type</b>	LiFePO <sub>4</sub>
<b>Battery Capacity</b>	100Ah
<b>Power Capacity</b>	5.1kWh
<b>Voltage</b>	
<b>Nominal</b>	51.2V
<b>Float Charge</b>	54.5V
<b>Absorption Charge</b>	55.5V
<b>Current</b>	
<b>Maximum Charge/Discharge</b>	80/80A
<b>DoD</b>	100%
<b>Weight &amp; Dimensions</b>	
<b>Dimensions (LxWxH, mm)</b>	495mm x 442mm x 170mm
<b>Battery Weight</b>	42kg
<b>Temperature</b>	
<b>at Charging</b>	0 - 45°C
<b>at Discharging</b>	-10 - 45°C
<b>Other</b>	
<b>Enclosure Protection</b>	IP20
<b>Design Cycle Life</b>	7000
<b>Access Interface</b>	CAN Bus
<b>Compatible Inverters</b>	All leading inverter brands
<b>Storage Conditions</b>	15 - 25°C at 50% SoC (charge every 6 months)
<b>Warranty</b>	10 years / 3500 cycles