

## Revov R100 5.12kWh Lithium-Iron Battery \*Early Black Friday Deal\*



REVOV R100, 5.12kwh, 51.2V, 1C battery. The R100 battery is an automotive-grade lithium-iron phosphate (LiFePO<sub>4</sub>) battery with a 16-cell configuration with built-in Battery Management System (BMS). It offers exceptional performance, with 5kWh capacity, a depth of discharge up to 100% and a 10-year warranty.

Rating: Not Rated Yet

## Price

Normal price: R 19601

Price: R 12799

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Description

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## REVOV R100: 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

REVOV is excited to offer the R100 EV battery, with a 1C Continuous discharge rate and a warranty covering up to 6000 cycles – offering superior performance at the lowest available cost per cycle for a lithium-iron battery of its type in South Africa.

The R100 battery is an automotive-grade, 2nd Life lithium-iron phosphate (LiFePO<sub>4</sub>) battery with a 16-cell configuration with built-in Battery Management System (BMS). It offers exceptional performance, with 5kWh capacity, a depth of discharge up to 100% and a 10-year warranty.

It is the perfect choice to provide backup power and integrate into Solar systems where daily cycling of the system is desired. It is common to install just one battery to deal with blackouts but grow the system later. More batteries can be added easily onto a shared busbar for those reducing grid power usage in a phased approach.

## Why Revov?

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

REVOV batteries are environmentally responsible, reducing electronic waste and repurposing important materials.

## About the Revov R100 Battery

The R100 battery offers superior performance at the lowest available cost per cycle.

Charge from a sustainable energy source or directly from the national grid, to get a reliable supply of power whenever it's needed.

With a 5kWh capacity, a single R100 battery is ideal for starting a DC backup power system for your home or office.

The system can easily be scaled according to needs, with more batteries added as required based on power usage and consumption requirements.

## Revov R100 Warranty

REVOV Batteries (PTY) LTD: The warranty is valid for either a time period of 10 years or a cycle count of:

- 6000 cycles at 80% Depth of Discharge (DoD)
- 5000 cycles at 90% Depth of Discharge (DoD).
- 3500 cycles at 100% Depth of Discharge (DoD)

- whichever lapses first.

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.

## Reviews

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