



R100 51.2V 100AH 5.1KWH

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

KEY FEATURES

- Safe LiFePO_4 chemistry
- Long lifecycle
- High temperature performance
- High energy density
- High charge and discharge rate
- High efficiency
- Integrated battery management system (BMS)
- Touch screen with protocol selection and battery information

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

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.

FREEDOM FROM DEPENDENCE



SPECIFICATIONS

R100 51.2V 100Ah 5.1kWh	
Model	R100
Battery type	LiFePO ₄
Battery capacity	100 Ah
Power capacity	5.1 kWh
Voltage	
Nominal	51.2 V
Float charge	54.5 V
Absorption charge	55.5 V
Current	
Maximum charge/discharge	100 / 100 A
Weight & Dimensions	
Dimensions (L x W x H, mm)	490 mm x 440 mm x 155 mm
Battery weight	44 kg
Temperature	
Charging	0 - 45°C
Discharging	-10 - 45°C
Other	
Enclosure protection	IP20
Design cycle life	6 000
Access interface	CAN Bus / RS485
Compatible inverters	All leading inverter brands
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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