



## R9 51.2V 220Ah 11.2kWh

**REVOV 2<sup>nd</sup> LiFe** 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 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

### INCLUDES

- Two **5.6 kWh 220Ah LiFePO<sub>4</sub>** batteries
- Advanced Battery Management System (BMS)
- Battery monitoring/balancing cable pack
- Cable connector pack

**CODE:** SYS-2LiFe-R9-CAN-220-11.2 • **CODE:** SYS-2LiFe-R9-CANDR-220-11.2

### WARRANTY

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

**DOD** When used properly every day the R9 can be safely discharged to 100% of its rated 220Ah capacity. Battery life is shortened if it is discharged beyond its rated Ah capacity.

## SPECIFICATIONS

R9 51.2V 220Ah 11.2kWh	
Model	R9 220Ah
Battery Type	LiFePO <sub>4</sub>
Battery Capacity	220Ah
Power Capacity	11.2kWh
Voltage	
Nominal	51.2V
Float Charge	54.5V
Absorption Charge	55.5V
Current	
Maximum Charge/Discharge	100/150A
DoD	100%
Weight & Dimensions	
Battery Dimensions (LxWxH)	530mm x 442mm x 170mm
Battery Weight	59kg
BMS Dimensions (LxWxH)	282mm x 442mm x 46mm
BMS Weight	3.6kg
Total Weight	62.6 kg
Temperature	
at Charging	0 - 45°C
at Discharging	-10 - 45°C
Other	
Enclosure Protection	IP10
Design Cycle Life	7000
Access Interface	CAN Bus
Compatible Inverters	All leading inverter brands
Storage Conditions	15 - 25°C at 50% SoC (charge every 6 months)
Warranty	10 years / 3500 cycles