



R80 51.2V 80AH 4.1KWH



01 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.

02 KEY FEATURES

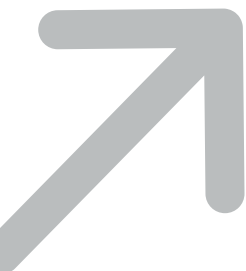
- Safe LiFePO4 chemistry
- Long lifecycle
- High temperature performance
- High energy density
- High charge and discharge rate
- High efficiency
- Integrated battery management system (BMS)



When used properly everyday the R80 can be safely discharged to 100% of its rated capacity. Battery life is shortened if it is discharged beyond its rated Ah capacity.



03 SPECIFICATIONS



R80 51.2V 80Ah 4.1kWh		Voltage	
Model	R80	Nominal	51.2 V
Battery type	LiFePO4	Float charge	54.5 V
Battery capacity	80 Ah	Absorption charge	55.5 V
Power capacity	4.1 kWh	Cut-off	48.0 V
Current		Weight and Dimensions	
Max continuous charge / discharge current	80 A / 80 A	Dimensions [L x W x H, mm]	490 mm x 482 mm x 170 mm
Peak current	85 A / 85 A	Battery weight	45 kg
Temperature			
Charging	0 – 45 °C		
Discharging	-10 – 45 °C		
Humidity	≤ 95%		
Other			
Enclosure protection	IP20		
Inverter compatibility	CAN Bus		
Compatible inverters	Inverter brands supporting standard CAN Protocol		
Storage conditions	15–30 °C at Min 50% SoC (charge every 6 months)		
Warranted Cycles	4000 cycles At 80% DoD		
Warranted Calendar Life	5 Years		

Enquiries email: enquiries@revov.co.za
 Enquiries: 010 035 6061
 WhatsApp: +27 (0)73 159 5938

Technical service email: support@revov.co.za
 Technical service desk: 010 035 0680
 Technical WhatsApp: +27 (0)69 654 7539