



Royce Energy™

Datasheet

12.8v 6Ah Lithium Ferro Phosphate Battery

Designed and Assembled in South Africa

Description	Specification
Capacity in Ah	6Ah
Nominal Voltage	12.8v
Maximum Continuous Discharge Current	12 Amps
Peak Discharge Current (30 sec)	18 Amps
Maximum Continuous Charge Current	3 Amps
Short circuit protection	Yes
Over Voltage Protection	Yes
Under Voltage Protection	Yes
Over Current protection	Yes
Charge Temperature	10°C – 35°C
Discharge Temperature	0°C – 45°C
Weight	760g
Dimensions (LxWxH)	151 mm x 65 mm x 95 mm
Number of Cycles (minimum) 100% DOD	2000
Expected Life	6 – 8 Years
Warranty	2 Years