

SolarQueZ *Lithium Polymer Battery*

Lightweight High Storage Rechargeable Lithium Ion Battery

Lithium-ion Polymer batteries are rechargeable batteries which have a solid polymer composite to hold the lithium salt electrolyte. Their polymer electrode and separator sheets are laminated onto each other.

Without the inter-cell spacing in this case, they have higher energy densities. They also have a flexible foil-type case instead metal casing, making them very much lighter and more viable to being shaped specifically to fit the devices they power.

Lithium Polymer battery packs are packaged from cells of various sizes and capacities with the optional inclusion of a Battery Management System (BMS).



Lightweight , High Capacity Excellent Solution for:

- Portability in remote operations
- High mobility
- Easy handling
- Efficient haulage

Best For Customised applications

Cell Data (No Shell)

Model	Rated Capacity (Ah)	Minimum Capacity (Ah)	Internal Resistance (mΩ)	Nominal Voltage (V)	Dimensions (mm)			Weight (kg)
					Thickness	Width	Length	
0887220	8	7.5	≤ 6	3.6	08	87	220	0.25
1087168	8	7.5	≤ 6	3.6	10	87	168	0.25
06145235	12	11.5	≤ 5	3.6	06	145	235	0.37
07145235	15	14.5	≤ 4	3.6	07	145	235	0.46
23145235	50	48	≤ 2.0	3.6	23	145	235	1.5
37145235	80	75	≤ 1.6	3.6	37	145	235	2.4
46145235	100	95	≤ 1.4	3.6	46	145	235	3
56145235	120	110	≤ 1.2	3.6	56	145	235	3.6

www.tenrod.com.au

sales@tenrod.com.au

Unit 1&2, 24 Vore St. Silverwater NSW 2128

Sydney
Tel: (02) 9748 0655
Fax: (02) 9748 0258

Melbourne
Tel: (03) 9886 7800
Fax: (03) 9886 7799

Brisbane
Tel: (07) 3879 2133
Fax: (07) 3879 2188

Auckland
Tel: (09) 298 4346
Fax: (09) 353 1317

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