

RAYLITE

M-Solar Batteries



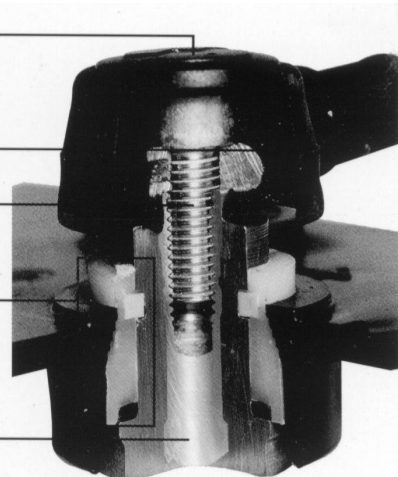
connector cap

injection moulded connector head

stainless steel bolt

Perfect Seal®

threaded brass insert



Positive Plate: The tubular plate construction incorporates lead alloy spines in complete contact with active material, which is retained by an outer gauntlet. This enables the electrolyte to penetrate freely, ensuring a high power output per unit volume.

Top up Level Indicator: Two ribs on the separator guard serve both as level indicators, and to strengthen the guard.

Negative plate: The negative plate is of a highly porous paste on a lead alloy grid. This complements the positive plate construction, providing a balanced performance and superior life.

Separators: Separators are manufactured from microporous polyethylene and have a generous overlap to reduce the risk of short circuit. They are impervious to acid attack.

Mud Trap: Prevents possible shorting between plates due to active material shedding during the life of the cell.

Container and Lid: The lid is heat-sealed to the container ensuring an excellent bond. This is vital to mechanical strength and safety.

Warranty: 3 years full warranty and 2 years pro-rata.

Santoprene® connector

stainless steel bolt

vent cap

top up level indicator

negative plate

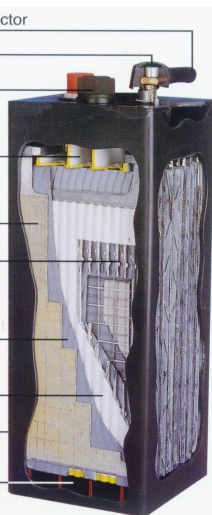
positive spines

separator

tubular positive

container

mud trap



Perfect Seals Bolt-On Connector Injection moulded connector head: The bolt-on connector facilitates easy cell replacement. Acid resistant, totally enclosed terminal post, maximum safety. Orifice for voltage readings.

Stainless steel bolt: Corrosion resistant.

Threaded brass insert: Maximises terminal connector conductivity.

Perfect Seal: A polypropylene pressure bushing seated on a rubber "O" ring, locked in place by a polycarbonate ring. The cell lid is welded to the container, and polypropylene is injection moulded into the post to lid cavity. This design eliminates acid leaks through the post assembly.

Santoprene Connectors:

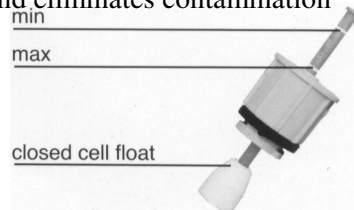
- Made of thermoplastic rubber
- Acid resistant
- Abrasion resistant
- Fatigue resistant
- Access for easy voltage checking
- More flexible than PVC cable
- Built in "O" rings
- Easy and simple to connect
- Exceptional moulding bond eliminates contamination

Max 1 Min Mark

Easily visible and simple to read.

Closed Cell Float

Ensures consistent accuracy over cell life.



Cat. #	Cell Type	Unit Volts	Capacity (Amp Hours)		Dimensions (mm)			Weight Kg
			C ₁₀	C ₁₀₀	Length	Width	Height	
BAT-R530	3 MIL 15S	6V	367	530	585	182	460	80
BAT-R600	3 MIL 17S	6V	419	600	585	198	460	91
BAT-R750	3 MIL 21S	6V	524	750	585	230	460	116
BAT-R900	3 MIL 25S	6V	629	900	585	262	460	133
BAT-R1050	2 MTL 25S	4V	759	1050	411	262	530	97
BAT-R1380	2 MTE 21S	4V	996	1380	415	230	740	127
BAT-R1660	2 MTE 25 S	4V	1200	1660	415	262	740	145



RAINBOW POWER COMPANY LTD

A.B.N. 74 003 323 420

1 Alternative Way, Nimbin, NSW, Australia 2480

phone: (02) 6689 1430
international: phone: +61 2 6689 1088
e-mail: sales@rpc.com.au

fax: (02) 6689 1109
international: fax: +61 2 6689 1109
web site: www.rpc.com.au