

EXIDE

TECHNOLOGIES

AUSTRALIA

New South Wales (Head Office)

Exide Technologies Ltd.
ABN 84 093 272 005

55 Bryant Street,
Padstow NSW 2211
Phone: (02) 9722 5700
Head Office Fax: (02) 9774 2966
Sales Fax: (02) 9774 2002

Victoria

Phone: (03) 9270 0128
Fax: (03) 9270 0298

Queensland

Phone: (07) 3274 1066
Fax: (07) 3274 1067

South Australia

Phone: (08) 8282 4333
Fax: (08) 8282 4378

Western Australia

Phone: (08) 9271 7377
Fax: (08) 9271 2313

Tasmania

Phone: (03) 6234 4966
Fax: (03) 6234 4810

NEW ZEALAND

Wellington (Head Office)

Exide Technologies
Hutt Park Road
Gracefield, Wellington
Phone: (04) 568 4269
Fax: (04) 568 6687

Auckland

Phone: (09) 573 0065
Fax: (09) 573 0066

Christchurch

Phone: (03) 348 0983
Fax: (03) 348 0704



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www.exide.com.au

ENERGYSTORE®



EXIDE

TECHNOLOGIES

RAPS BATTERIES

When it comes to Remote Area Power Systems (RAPS), reliability is critical. Power loss in remote areas can be costly and inconvenient.

The vulnerable component in RAPS is often the battery. It does not need to be!

The Energystore® battery from Exide Technologies has a proven track record in Australian RAPS.

It has been performing in remote and harsh areas of Australia for over 10 years. That's because it is designed and assembled in Australia specifically for our unique conditions.

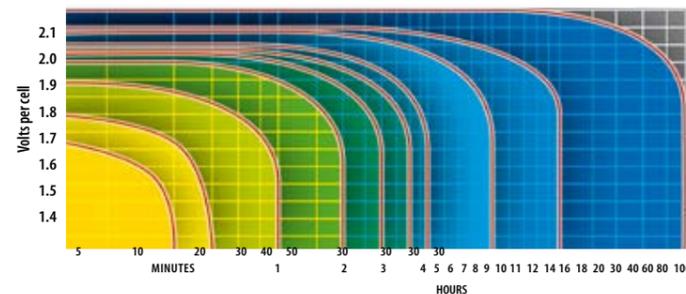
Features

- Available in 4 volt and 6 volt batteries in trays with capacities up to 1800a/h @100hr rate
- Excellent cycle* life: 1500 cycles to 80% DOD
2500 cycles to 50% DOD
3300 cycles to 30% DOD
> 4500 cycles to 10% DOD
- Large electrolyte reservoir
- Electrolyte level indicator
- Robust tubular positive plates
- Non conducting polyethelene outer tray
- Easy to transport and assemble
- Long life and low maintenance
- Excellent prices
- Optional automated/manual single point watering system available at an extra cost
- Optional lid for protection from the elements at an extra cost
- Ideally suited for solar, wind, micro-hydro, diesel and hybrid applications

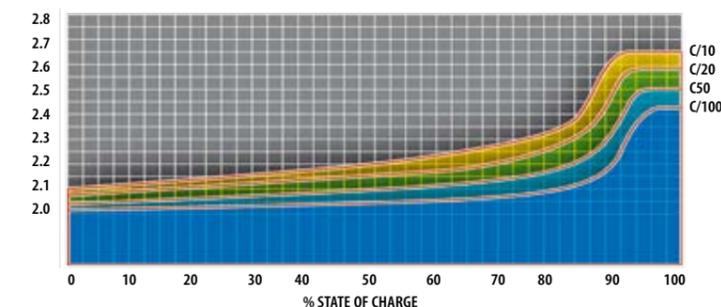


* at 10 hour discharge

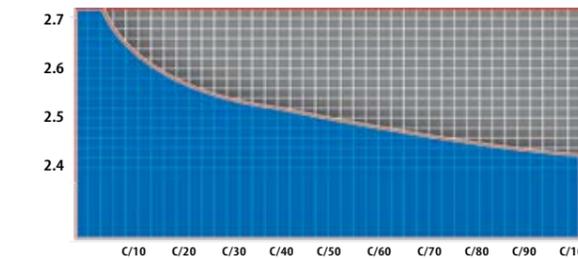
Curves Showing Voltage on Discharge of Energystore Range Batteries at Various Rates



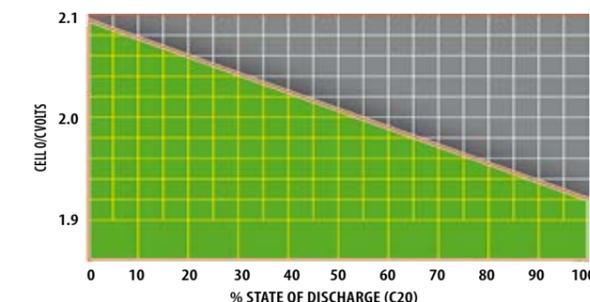
Recharge Voltage VS State of Charge Rates for Energystore



Fully Charged Voltage VS Charge Rate for Energystore



Open Circuit Voltage VS Discharge Depth for Energystore



Electrical Specifications

Amp Hour Capacity at 25°C

TYPE	C ₁₂₀ to 1.80Vpc	C ₁₀₀ to 1.85Vpc	C ₂₀ to 1.85Vpc	C ₁₀ to 1.80Vpc	C ₅ to 1.70Vpc	Voltage	Short Circuit Current Amps
6RP670	735	670	423	376	339	6	2880
6RP830	910	830	565	501	452	6	3840
6RP1080	1180	1080	772	685	618	6	5250
4RP1330	1460	1330	880	800	725	4	6620
4RP1600	1700	1600	1020	930	845	4	6620
4RP1800	1875	1800	1130	1028	935	4	6620

Physical Specifications

Individual Tray Details

TYPE	Weight +/-5%	Length	Width	Height
6RP670	80kg	528mm	212mm	570mm
6RP830	110kg	528mm	212mm	570mm
6RP1080	143kg	528mm	260mm	570mm
4RP1330	100kg	370mm	308mm	670mm
4RP1600	120kg	370mm	308mm	670mm
4RP1800	140kg	370mm	308mm	670mm

EXIDE ENERGYSTORE - 12V Flooded Blocks

Electrical Specifications

TYPE	Amp Hour Capacity at 25°C					Voltage	Short Circuit Current Amps
	C ₁₂₀ to 1.80Vpc	C ₁₀₀ to 1.85Vpc	C ₂₀ to 1.85Vpc	C ₁₀ to 1.80Vpc	C ₅ to 1.70Vpc		
12RP140	140	135	110	100	95	12	900
12RP200	200	194	165	150	142	12	1200

Individual Tray Details

Physical Specifications

TYPE	Weight Kgs +/- 5%	Individual Tray Details		
		Length (mm)	Width (mm)	Height (mm)
12RP140	45	510	180	270
12RP200	66	519	275	270



Features

- Excellent cycle* life
1000 cycles to 80% DOD
2300 cycles to 30% DOD
- Long life and Low maintenance

*at the ten hr discharge

- 1600 cycles to 50% DOD
- 3000 cycles to 10% DOD

- Tubular Positive Plates
- Easy to transport and assemble
- Large electrolyte reservoir
- Electrolyte level indicator- optional

designed and manufactured in Australia specifically for our unique conditions