

Exide Technologies is the global leader in stored electrical energy solutions with subsidiaries in more than 80 countries. With over 100 years of experience in technological innovation, we are partners of OEM and serve the spare parts market for industrial and transportation applications.

Our global Industrial Energy Business Unit offers an extensive range of storage products and services, including solutions for telecommunications, railway applications, mining, photovoltaic (solar energy), uninterruptible power supply (UPS), electrical power generation and distribution, forklifts and electric vehicles.

Exide Technologies takes pride in its commitment to a better environment. Its Total Battery Management program, (an integrated approach to manufacturing, distributing and recycling of lead acid batteries), has been developed to ensure a safe and responsible life cycle for all of its products.



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Exide Technologies is committed to environmental protection. Exide Technologies applies a comprehensive business approach called Total Battery Management (TBM) that plays a leading role in one of Australia's most effective and successful recycling programs.

Specifications are nominal subject to change without notice.

Energystore<sup>®</sup> and Exide<sup>®</sup> are registered trademarks of Exide Technologies Ltd.  
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# Remote Area Power Systems



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

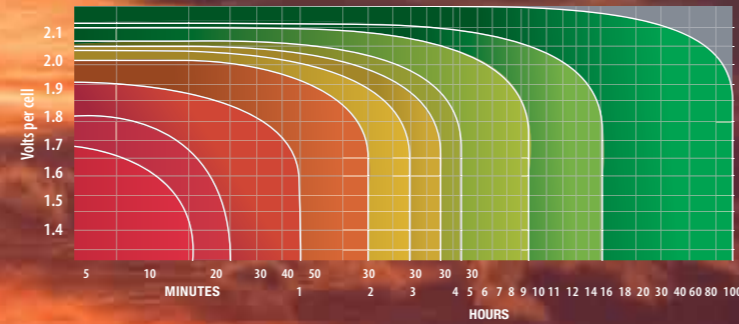
The vulnerable component in RAPS is often the battery. It does not need to be!

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

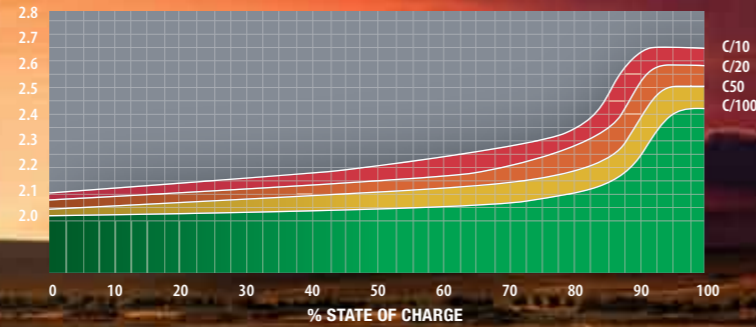
It has been performing in remote and harsh areas of Australia for over 15 years.

That's because it is designed in Australia specifically for our unique conditions.

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



Recharge Voltage Vs State of Charge Rates for Energystore®



### Electrical Specifications

TYPE	Amp Hour Capacity at 25°C					Voltage	Short Circuit Current Amps
	C120	C100	C20	C10	C5		
8RP670NX	735	670	423	396	378	8	2880
6RP830NX	910	830	565	521	485	6	3840
6RP1080NX	1180	1080	772	695	668	6	5250
4RP1330NX	1460	1330	880	800	725	4	6620
4RP1600NX	1700	1600	1020	930	845	4	6620
4RP1800NX	1875	1800	1130	1028	965	4	6620
4RP1950NX	2058	1950	1272	1222	1180	4	6650
4RP2200NX	2322	2200	1435	1378	1330	4	6650

### Physical Specifications

TYPE	Weight Kgs +/- 15%	Length (mm)	Width (mm)	Height (mm)
8RP670NX	100kg	528mm	260mm	570mm
6RP830NX	110kg	528mm	260mm	570mm
6RP1080NX	143kg	528mm	260mm	570mm
4RP1330NX	100kg	370mm	308mm	670mm
4RP1600NX	120kg	370mm	308mm	670mm
4RP1800NX	140kg	370mm	308mm	670mm
4RP1950X	160kg	450mm	308mm	800mm
4RP2200X	180kg	450mm	308mm	800mm

#### Features

- < Excellent cycle\* life - 1500 cycles to 80% DOD, 2500 cycles to 50% DOD, 3300 cycles to 30% DOD, > 5000 cycles to 10% DOD
- < Long life and low maintenance
- < Ideally suited for solar, wind, micro - hydro, diesel and hybrid applications
- < Easy to transport and assemble
- < Large electrolyte reservoir
- < Electrolyte level indicator
- < Available in 4 volt and 6 volt batteries in trays with capacities up to 2200a/h @ 100hr rate
- < Robust tubular positive plates
- < Non - conducting polyethelene outer tray
- < Competitive prices
- < Optional automated/manual single point watering systems available at an extra cost
- < Optional lid for protection from the elements at an extra cost

\* at the 10 hr discharge

### EXIDE ENERGYSTORE GEL

#### Electrical Specifications

TYPE	Amp Hour Capacity at 25°C					Voltage	Short Circuit Current Amps
	C120	C100	C20	C10	C5		
6RPg700	745	700	620	590	560	6	2480
4RPg1040	1060	1040	870	835	800	4	3640

#### Physical Specifications

TYPE	Weight Kgs +/- 5%	Length (mm)	Width (mm)	Height (mm)
6RPg700	100	528mm	260mm	570mm
4RPg1040	120	528mm	260mm	570mm

#### Features

- < Excellent cycle\* life - 1200 cycles to 80% DOD, 2400 cycles to 50% DOD, 3200 cycles to 30% DOD, 5000 cycles to 10% DOD
- < Long life and low maintenance
- < GEL Technology (Sonnenschein GEL technology)
- < Tubular Positive Plates
- < Easy to transport and assemble
- < Non conducting Polyethylene outer tray - Ready to install
- < Lid for protection from elements as optional extra

\* at the 10 hr discharge

### EXIDE ENERGYSTORE - 12V Flooded Blocks

#### Electrical Specifications

TYPE	Amp Hour Capacity at 25°C					Voltage	Short Circuit Current Amps
	C120	C100	C20	C10	C5		
Enersol 130	132	130	108	100	95	12	900
Enersol 250	256	250	175	155	148	12	1200

#### Physical Specifications

TYPE	Weight Kgs +/- 5%	Length (mm)	Width (mm)	Height (mm)
Enersol 130	35	348	175	290
Enersol 250	63	518	276	242

#### Features

- < Excellent cycle\* life - 1000 cycles to 80% DOD, 1600 cycles to 50% DOD, 2300 cycles to 30% DOD, 3000 cycles to 10% DOD
- < Long life and Low maintenance
- < Easy to transport and assemble
- < Large electrolyte reservoir
- < Electrolyte level indicator - optional

\* at the 10 hr discharge

End Volts nominally to 1.70VPC

*Designed in Australia specifically for our unique conditions*