



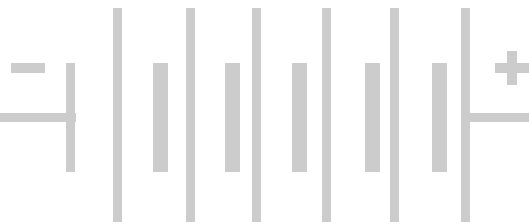
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EnerGEL

PRODUCT RANGE

**AUSTRALIAN DESIGNED FOR LOW MAINTENANCE
CRITICAL STANDBY APPLICATIONS**



batteryenergy
power solutions for tomorrow's world

STANDBY

AND CYCLING APPLICATIONS

EnerGEL

TECHNOLOGY

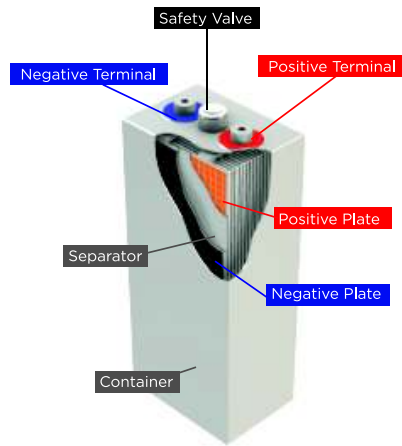
ADVANCED ULTRAGEL | THICK PLATE ADVANCED CARBON TECHNOLOGY ROBUST | TEMPERATURE TOLERANT | LONG SERVICE LIFE

FOR STANDBY AND CYCLING APPLICATIONS

Battery Energy has been supplying proven and reliable battery storage systems on and off grid for 30 years.

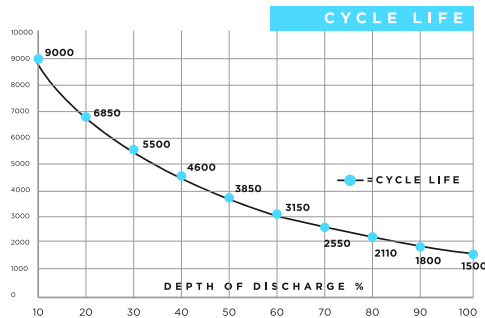
Battery Energy's Thick Plate Advanced Carbon Technology is industry leading and will continue to be installed in high temperature and cycling applications with Australia's most innovative companies. When developing our technology in conjunction with the CSIRO there was a strong focus on delivering a product with superior cycling and life expectancies.

The result is a product with unique chemical and molecular characteristics which, along with advanced production methods differentiate it from other GEL batteries in the marketplace. These superior life characteristics apply to both the battery's cycling performance and its ability to combat varying extreme environmental conditions. For the highest level of reliability Battery Energy has the capability to design and customise products to meet increasing demands in the supply of Energy Storage for Solar, Communications, Rail, Oil & Gas, Power Generation & Transmission, UPS and Mining.



KEY FEATURES

- Superior life under varying extreme climatic conditions
- Specifically designed corrosion resistant alloys
- For float standby and cycling operations with autonomies of less than 20 hours
- Long-lasting performance in standby and hybrid applications
- High performance, long life active material, carbons and robust thick plate technology
- Excellent recovery from deep discharge
- 100% cell testing prior to dispatch to ensure batteries are fully charged & prepared for reliable performance
- Built to last through superior design, high-quality materials and pride of workmanship



BENEFITS

- Developed by Battery Energy with the collaboration of CSIRO
- Extensive R&D for high performance, reliability & long life
- Features very low float currents and high operating efficiency
- Ideal solution for all sites in remote and difficult access regions

Established in 1987, Battery Energy commenced as a specialist Battery Development & Manufacturing Company. From the outset the objective was to develop a maintenance free GEL and AGM battery technology which would substantially increase battery life in harsh climatic conditions.

Over the years Battery Energy's technology has been significantly enhanced through ongoing development and improved proprietary manufacturing techniques. We offer and design a complete range of industrial batteries, with the technical expertise and flexibility to adapt existing products to suit a wide range of client needs focusing on optimizing clients investments while delivering a world class solution.

Battery Energy is an award winning market leader in energy storage and is the only industrial battery manufacturer in Australia.

With an integrated manufacturing and support facility in Sydney and accompanied by increased capacity through its dual manufacturing capability in the South of China.

TECH SPECS

DESIGN LIFE	20 YEARS* (*12V products are 16 year design life)						
PLATE SEPARATOR	MICRO POROUS PVC WITH FIBERGLASS						
SAFETY VENT	SELF-RESEALING 150 mbar						
SELF-DISCHARGE	2.5% PER MONTH						
FLOAT VOLTAGE	2.25-2.275 VOLTS per CELL						
BOOST CHARGE	2.40-2.45 VOLTS per CELL						
EQUALIZATION CHARGE	2.40-2.50 VOLTS per CELL						
SEALS	O-RING SEAL WITH LONG-LIFE ADHESIVE						
TERMINALS	M8 FEMALE INSERT						
CASING	Flame-retardant UL94V-0 & BS6334 FVO						
COMPLIANCE	AS 4029.2, AS 4086.1, IEC 60896 21&22, IEC 896.2						

MODEL	NOMINAL VOLTAGE	C/3 to 1.80Vpc	C/10 to 1.80Vpc*	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	WEIGHT (kg)
6EG100	6	74	100	276	184	265	27.5
6EG130	6	97	132	276	184	265	32.0
6EG160	6	122	164	276	184	265	38.0
2EG200	2	146	196	184	109	265	15.0
2EG225	2	170	233	197	184	265	20.0
4EG225	4	170	229	276	184	265	36.0
4EG250	4	194	262	276	184	265	39.0
2EG300	2	219	297	197	184	265	23.0
2EG350	2	267	360	197	184	265	26.5
2EG400	2	316	429	276	184	265	33.0
2EG550	2	413	556	276	184	265	40.0
2EG800	2	592	794	206	145	680	64.0
2EG1100	2	814	1092	191	210	680	86.0
12EG105FTG	12	86	104	394	125	287	37.8
12EG160FTG	12	131	158	558	125	371	58.5