

ENERSUN SSR450-6 VENTED TUBULAR BATTERY

All Enersun SSR batteries utilise tubular positive plate construction, and are supplied in a powder coated steel tray. The tubular positive plate design helps to achieve maximum service life by reducing the shedding of the active material during service, while increasing the surface area of the plates. The tray provides additional protection and compression on the cells.

- Low self discharge characteristics
- High 'top-of-plate' electrolyte reservoir
- Designed for Australian Conditions

General Performance

Specifications	
Product No	15250
Battery	SSR450-6
Nominal Capacity	450Ah
Nominal Voltage	6VDC
Design Life (Years)	7 Years @ 20% DoD
Type of Application	Cyclic (Standby)

Efficiency at 10 hour rate (%)	
Ampere-Hour	>90%
Watt-Hour	>72%

Physical Properties

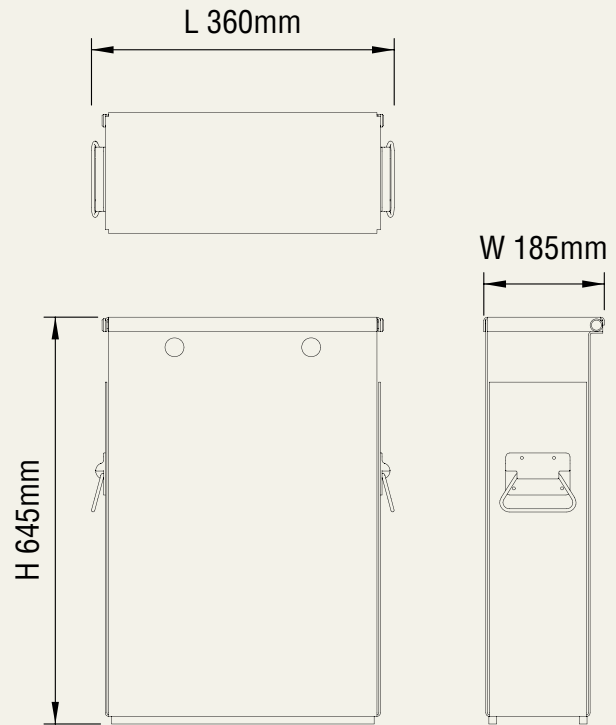
Plate Technology	
+ve Plate	Tubular – Lead Antimony Alloy Spine (9.8mm)
-ve Plate	Flat Pasted – Lead Antimony Grid (4.1mm)

Electrolyte	
Fully charge density at 25°C	1.260
Level of electrolyte (max to min distance)	90mm

Container	
Tray Material	3mm Steel Powder Coat
Tray Colour	Green
Jar Material	Polypropylene (PP)
Lid Material	Polypropylene (PP)
Weight	81kg

Terminal	
Terminal Type	Lead Post M10 Bolt-on

Separator	
Material	Microporous plastic



Electrical Properties

Specifications	
Self discharge rate at 25°C	<5% per month
Short Circuit (Amperes)	1975A
Maximum Charge (Amperes)	39A
Normal charging (Amperes)	34A
Boost Voltage @ 25°C	2.50 Vdc per cell

Float voltage	
20°C	2.22 vpc
25°C	2.20 vpc
30°C	2.18 vpc

Actual Performance	
24 hour rate to 1.75vpc	374Ah
100 hour rate to 1.85vpc	450Ah
120 hour rate to 1.85vpc	460Ah

Number of cycles at 25°C	
20% DoD	3000
30% DoD	2700
50% DoD	2050
80% DoD	1400

For further information please contact CenturyYuasa- Australia: 1300 364 877, New Zealand: 0800 236 8879

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