

Technical Specifications

Physical Specifications

Battery	Voltage	Dimensions			Acid Volume (l)	Weight (kg)
		Length (mm)	Width (mm)	Height (mm)		
SSDC100-6	6	225	170	210	3.5	15
SSDC200-6	6	260	180	275	5.0	29
SSR450-6	6	350	165	645	16.2	81
SSR535-6	6	350	165	645	15.6	88
SSR700-6	6	445	165	645	21.0	109
SSR875-6	6	540	165	645	25.5	133
SSR1025-4	4	335	215	645	20.2	103
SSR1320-4	4	265	326	645	25.6	170



Electrical Specifications

Battery	Voltage	Ah				Recommended Minimum Charge Current Amperes	Recommended Maximum Charge Current Amperes
		C ₁₀ to 1.7VPC	C ₂₄ to 1.75VPC	C ₁₀₀ to 1.85VPC	C ₁₂₀ to 1.85VPC		
SSDC100-6	6	85	95	110*	112*	5.5	10
SSDC200-6	6	190	200	220*	224*	11.0	20
SSR450-6	6	335	374	450	460	22.5	38
SSR535-6	6	401	448	535	548	27.0	45
SSR700-6	6	531	593	700	718	35.0	60
SSR875-6	6	662	739	875	897	44.0	74
SSR1025-4	4	774	867	1025	1050	51.5	87
SSR1320-4	4	997	1118	1320	1352	66.0	113



Note: *1.80VPC end voltage

Century Yuasa believes that the data presented is generally accurate for the purpose for which it is presented, however expressly disclaims any representation or warranty, expressed or implied, concerning the data or recommendations, and in no event shall be liable for any loss or damage claimed to have arisen as a result of the use of this brochure.

For information on Enersun Solar Batteries, local authorised distributor.
Products and Sales Enquiries

Able Solar
14b Collard Pl, Henderson, Auckland
Tel 09 837 2211 Fx 09 837 2212

Evolved for survival

Truly evolved species can thrive in the harshest environments. With a host of evolutionary advancements including Tubular Plate Technology and Rugged Steel Encasements, Enersun batteries can survive long after less evolved species have perished.

Enersun Solar Energy Batteries: we're winning the power struggle



Enersun
solar energy battery



Enersun
solar energy battery

**Enersun Solar Energy Batteries:
we're winning the power struggle**



Century's Enersun Solar Energy Battery is specifically designed to provide DC power for Remote Area Power Systems (RAPS) in the harsh Australian environment. Manufactured in Australia, it has been in service since 1991. Evolved from years of battery research and design experience, the Enersun SSR product range has set the quality benchmark in Australia for batteries in RAPS applications.

Put Enersun to work, and know that you have an evolved product, purposely designed and manufactured for the harsh Australian environment. Enersun Solar batteries 'We're winning the power struggle'.

The Enersun SSR for long service life

Enersun utilises tubular positive plate technology to provide repeatable, reliable performance. Employing a sophisticated process, the tubular plates are formed by injecting 'active' materials into sealed tubes.

The plate construction method confines the active material, and as a result minimises shedding which is typically associated with flat plate technology.

Century Yuasa has integrated this technology in accordance with its Quality Assurance procedures and tight production control processes to give the Enersun a proven 7-year service life in deep cycling applications.

Design Feature of Enersun SSR Batteries

- Manufactured & Designed by Century Yuasa – A product evolved through years of research, testing, development and application to ensure maximum performance.
- Tubular Positive Plate – Technology that allows a high acceptance of charge. Enersun tubular design provides extra protection against corrosion, maximising the life of the battery.
- Steel Powder Coated Tray – Cells encased in robust steel trays for extra strength during transportation, and excellent group compression of cells during the service life of the battery.

- Large 'top-of-plate' electrolyte reservoir – Reduces the affect that temperature and charging have the available electrolyte. An innovation designed to minimise maintenance requirements.
- Wrap around separators – Provide additional protection against internal battery short circuits.
- Detailed Installation & Maintenance Manual – Minimises the risk of errors relating to the installation process.
- 3-Year Performance Warranty – For complete financial security.

The Brand to Trust

Century Yuasa prides itself on the development, manufacture and servicing of quality products, are backed by a comprehensive performance warranty covering every aspect of the product application.

Enersun SSR Warranty

Century's Enersun SSR range is warranted against defects in material and workmanship for a period of three years from the date of installation. Should any cell be found to be defective in workmanship it will be repaired or replaced free of charge, when product is installed within six months from date of purchase and in accordance with Century Yuasa protocols and specifications.

