



# PRODUCT SPECIFICATION

<b><u>PRODUCT NO:</u></b>	<b>15253</b>
<b><u>PRODUCT SPECIFICATIONS:</u></b>	<b>SSR875-6 Century Yuasa Enersun</b>
<i>Battery</i>	SSR875-6
<i>Type of Application</i>	Cyclic
<i>Design Life (Years)</i>	7 Years
<i>Nominal Capacity at the 100hr rate</i>	875Ah
<i>Actual Capacity at 25°C</i>	
- 24 hour rate to 1.75vpc	739Ah
- 100 hour rate to 1.85vpc	875Ah
- 120 hour rate to 1.85vpc	897Ah
<i>Electrolyte</i>	
- Fully charge density at 25°C	1.260
- Level of electrolyte {max to min distance}	90mm
<i>Plates</i>	
<i>Positive Plates:</i>	
- Number/cell	10
- Type	Tubular
- Material of grid	Lead Antimony
- Thickness	9.8mm
<i>Negative Plates:</i>	
- Number/cell	11
- Type	Flat Pasted
- Material	Lead Antimony
- Thickness	4.1mm
<i>Separators</i>	
- Type	Daramic
- Is glass fibre included?	No
<i>Container &amp; Cover Materials</i>	
- Body - Material, Colour	3mm Steel - Green
- Cover - Material, Colour	3mm Steel - Green

**TOTAL COMMITMENT TO DC POWER**



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### *Individual 2V Cell*

- Body – Material Colour      *PP/Black*
- Lid - Material, Colour      *PP/Green*

### *Dimensions of 6V Unit*

- Overall width      *531mm*
- Length      *165mm*
- Height      *640mm*

### *Battery Weight (6V Unit)*

*133kg*

### *Self discharge rate at 25°C*

*<5% per month*

### *Normal charging rate (A)*

*67A*

### *Maximum permissible charge rate (A)*

*75A*

### *Volts per cell at the end of charge at normal rate*

*2.50vpc*

### *Float voltage at:-(pure floating applications) (other applications: a value between 2.20v to 2.50v per cell)*

- 20°C      *2.22 vpc*
- 25°C      *2.20 vpc*
- 30°C      *2.18 vpc*

### *Boost voltage/cell at 25°C*

*2.50 volts*

### *Efficiency at 10 hour rate (%)*

- Ampere-Hour      *>90%*
- Watt-Hour      *>80%*

### *Number of cycles at 25°C*

- 20% depth of discharge      *3000*
- 30% depth of discharge      *2700*
- 50% depth of discharge      *2050*
- 80% depth of discharge      *1400*

### *Topping up intervals*

*9-12 months*

**TOTAL COMMITMENT TO DC POWER**