



CONERGY

Balance of systems | Technical data

Surrette Solar Series 500

Surrette Battery, based in Springhill, NS, has been manufacturing deep cycle batteries for more than 40 years. The Series 500 batteries, manufactured specifically for solar and other renewable energy applications, are designed to offer up to 20 years of life thanks in part to their "Non-Breakable" dual container (modular) construction.

Features

- | Dual container modular construction
- | Thick plate design coupled with high density active material plate construction
- | Enveloped separators
- | Increased liquid reserve

Benefits

- | Elimination of "stray" current
- | Environmentally friendly
- | No acid leakage
- | Easy "on-site" assembly/disassembly (no special tools or skills required)
- | Drastic reduction in connections, eliminating many points of failure, thus increasing charging efficiency
- | Unsurpassed cycling service – 15 years average life!
- | Ability to remove sediment chamber, eliminating separator mis-alignment, treeing, and shorting



- | Allows for higher plates to be used in the same sized cell, thus yielding greater capacity
- | Less maintenance

Technical data Solar Series 500:

Voltage	Various
Plate Alloy	4 % antimony
Post Type	Flag (typical)
Chg Volt (Float)	2.2-2.3 VPC
Chg Volt (Bulk)	2.37-2.40 VPC
Sp. Gravity	1.265
Electrolyte	Sulfuric acid

Available from:

SURRETTE500-TD-USA-0507