

SPECIFICATION

SEC Ref: 008

SEC *CELLYTE* 6 & 12TSG Gel-VRLA Monobloc Batteries

General Description:

SEC's *CELLYTE* 6 & 12TSG Top Terminal Gel-VRLA batteries have a design life of 10-years when used in float service at 20°C and or 500 x 80% and over 4000 10% deep cycles. TSG batteries comply with BS 6290 Part 4 (with flame retardant V-0 case) EUROBAT (draft IEC 896-2) standards. The flat pasted positive plates and flat pasted negative plates are manufactured from pure lead 1.6% Tin / Calcium alloys, to ensure excellent deep cycling, high mechanical strength, good corrosion resistance, low self-discharge during storage, and minimal water loss. Micro porous separators, with very low electrical resistance, and thixotropic Gel are used to immobilise the electrolyte, allowing easy transport of the oxygen generated during recharge to the negative plate for optimum gas recombination efficiency, and enhancing battery deep cycling capability. The battery case and cover are made from high impact resistant ABS, and are available in a V-0 flame-retardant material as an option. The container and lid are bonded together to prevent gas and or electrolyte escaping, and incorporate a reliable, proven, self-sealing pressure relief valve and optional **Catvent**[™] vent plug, to enhance the gas recombination, reduce cell dry-out, lower float current, minimise thermal runaway, positive plate corrosion and negative plate polarisation. Batteries are supplied in a filled and charged condition, and are ready for immediate use. All Monobloc batteries are clearly marked with the SEC battery reference, nominal capacity (C/100 to 1.80 Vpc at 25 °C), environmental recycling information, post polarity and date of manufacture. Capacity available 6 & 12 volt 60 ah to 300 ah C/100 to 1.80 vpc.

Accessories:

All additional equipment required for the correct and safe installation, and maintenance of each battery can also be provided, for example; digital voltmeter, insulated spanners, terminal grease, Battery warning sign, Warning sign 'No smoking – no open fires' etc.

Guarantee:

All TSG batteries are supplied with a full replacement, ex factory, **one (1) year warranty**, against faulty manufacturing and workmanship, when installed and operated in accordance with the SEC Installation & Operating Manual.

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