



SEC Industrial Battery Company Ltd.
Thorney Weir House Tel: 44 (0)1895 431543
Iver, Bucks SLO 9AQ Fax: 44 (0)1895 431880
United Kingdom
e-mail : europeanoffice@secbattery.com

SPECIFICATION

SEC Ref: 010

SEC **CELLYTE** 12FTG GEL-VRLA Monobloc Batteries

General Description:

SEC's **CELLYTE 12FTG** Front Terminal Gel Valve Regulated Lead Acid (VRLA) Deep Cycle batteries have a design life of 12 years (with Catalyst) when used in float service at 20°C., and comply with BS 6290 Part 4, with flame retardant V-0 case, EUROBAT with testing to new IEC 60896-22/2 2-2004 standard still in progress. The heavy duty, tank formed, flat pasted positive plate and flat pasted negative plates are manufactured from pure lead Calcium high Tin alloy, to ensure high mechanical strength, excellent cycle life in deep discharge applications, good corrosion resistance, low self-discharge during storage, and minimal water loss. The electrolyte is immobilised in a specially formulated thixotropic Gel, which ensures highest reliability in all applications, and allows easy transport of the oxygen generated during recharge to the negative plate for optimum gas recombination efficiency. Microporous plastic separators between the plates, protect against short-circuit and enhancing resistance to cycling. The battery containers and lids are made from high impact resistant ABS, and are manufactured in UL 94 V-0 flame-retardant material as standard. 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 **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 100% charged condition, and are ready for immediate use. All Monobloc batteries are clearly marked with the SEC battery reference, nominal capacity (C/10 to 1.80 Vpc at 20 °C), environmental recycling information, post polarity and date of manufacture.

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, Bloc numbers, terminal grease, battery warning sign, Warning sign 'No smoking' etc.

Guarantee:

All batteries are supplied with a full replacement, ex factory, **15 month warranty**, against faulty manufacturing materials and or workmanship, when installed and operated in accordance with SEC's Installations & Operating instructions.

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