



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: 008

SEC *CELLYTE* 12TUA AGM-VRLA Monobloc Batteries

General Description:

SEC's *CELLYTE* 12TUA AGM Valve Regulated Lead Acid (VRLA) Monobloc batteries have a design life of 10 years 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 60896-21/22-2004 standard still in progress. The tank formed flat pasted positive plates and flat pasted negative plates are manufactured from calcium-tin lead alloys, to ensure high mechanical strength, good corrosion resistance, low self-discharge during storage, and minimal water loss. Absorptive glass mat (AGM) separators, with very low electrical resistance, are used to immobilise the electrolyte, and allow easy transport of the oxygen generated during recharge to the negative plate for optimum gas recombination efficiency. The AGM separators are double wrapped around the plates, under compression to hold the active materials firmly in place, thus reducing shedding, protecting against short-circuit and enhancing resistance to cycling. The Monobloc battery containers and lids are made from high impact resistant ABS, and are available in a UL 94 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. 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/20 to 1.75 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, cell 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 and workmanship, when installed and operated in accordance with SEC's Instalation and Operating instructions.

QMF 12 Issue 1 – 21 July 2002