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SPECIFICATION

SEC Ref: 013

MICROLYTE Plus AGM-VRLA Monobloc Batteries

General Description:

SEC's **MICROLYTE Plus** AGM Valve Regulated Lead Acid (VRLA) 6 & 12 volt batteries have a design life of 5-8 years, and are manufactured to ISO9001. 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 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, self-sealing, one-way, pressure relief valve, to release excess gasses as and when necessary, and prevent the deleterious ingress of atmospheric oxygen. Batteries are supplied in a filled and charged condition, and are ready for immediate use. All batteries are clearly marked with the manufacturer's name, SEC battery reference, nominal capacity (C/20 to 1.75 Vpc at 20 °C), environmental recycling information, 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 material and or workmanship, when installed and operated in accordance with SEC's Instalation and Operating instructions.

QMF 12 Issue 1 – 21 July 2002