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## **SPECIFICATION**

**SEC Ref: 018**

### **CELLYTE 6-12 TLG GEL-VRLA Batteries**

#### **General Description:**

SEC's **CELLYTE 6-12TLG** GEL Valve Regulated Lead Acid (VRLA) Deep Cycle batteries have a design life of 10 years, and are manufactured to ISO9001. The tank formed flat pasted positive plate 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. 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 cell 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 100% charged condition, and are ready for immediate use. All Monobloc batteries are clearly marked with SEC battery reference, nominal capacity (C/100 to 1.80 Vpc and C/20 to 1.75 Vpc at 20 °C), safety and 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, 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 Instalation and Operating instructions.

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