AGM SECURITY 12V 7Ah VRLA MAINTENANCE-FREE BATTERY

REGULAR RANGE

PRODUCT CODE
6AKUYSE007

EAN
5904100454228

CATEGORY
Maintenance-free batteries (AGM, GEL, LiFePO4)

SUBCATEGORY
LONG LIFE maintenance-free batteries AGM

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ABOUT THE PRODUCT

AGM SECURITY 12V 7Ah VRLA MAINTENANCE-FREE BATTERY (model S12-7Ah) is a sealed VRLA lead-acid battery manufactured using AGM technology, intended primarily for standby operation and emergency power supply systems. The electrolyte is immobilised in separators made of glass-fibre mat, while the construction uses multi-component lead-calcium alloys.

The battery has a maintenance-free, sealed enclosure with self-regulating safety valves that reduce the risk of electrolyte leakage. The reinforced Heavy Duty Grid increases the plates' corrosion resistance and prevents active material shedding. The product can be installed in various orientations, except completely inverted with the terminals facing downward.

Model S12-7Ah is used in UPS power supplies, industrial and domestic automation, alarm and fire protection systems, CCTV monitoring, access control, communications and telecommunications equipment, and selected medical, marine and mobile devices. It is intended mainly for standby operation; in cyclic applications, the number of cycles depends on the depth of discharge.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Rated voltage**	12 V
	Nominal capacity	7 Ah
	Internal resistance (at 25°C)	35 mΩ±15%
	Maximum charging current	1,95 A
	Maximum discharge current	97,5 A (for 5 seconds)
	Design life (at 25°C)	5 years
Operating and Charging Parameters	**Charging voltage (at 25°C)**	14,5 V - 15,0 V
	Effect of temperature on capacity	102% (at 40°C), 100% (at 25°C), 85% (at 0°C), 65% (at -15°C)

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TECHNICAL SPECIFICATIONS - CONTINUED

Dimensions and Operating Environment	**Recommended operating temperature**	25°C ±3°C
	Operating temperature range	-15°C to +50°C (discharge), -10°C to +50°C (charging)
	Storage temperature range	-20°C to +50°C
	Terminal/connector type	T1 / T2
	Dimensions (Length x Width x Height)	151 x 65 x 94 mm (overall height 100 mm)
	Net weight	2,1 kg ±3%

PRODUCT GALLERY



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