AGM SECURITY 12V 22Ah VRLA MAINTENANCE-FREE BATTERY

REGULAR RANGE

PRODUCT CODE
6AKUYSE022

EAN
5904100454242

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

SUBCATEGORY
LONG LIFE maintenance-free batteries AGM

PRODUCT PAGE
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ABOUT THE PRODUCT

AGM SECURITY 12V 22Ah VRLA MAINTENANCE-FREE BATTERY (model S12-22Ah) is a sealed VRLA lead-acid battery manufactured using AGM technology. It is designed primarily for standby operation and emergency power supply systems. The electrolyte is immobilized in glass-fibre mat separators, and the construction uses multi-component lead-calcium alloys.

The battery is completely maintenance-free and equipped with self-regulating EPDM safety valves. The reinforced Heavy Duty Grid limits active-material shedding and increases plate corrosion resistance. The sealed ABS plastic housing reduces the risk of electrolyte leakage, while the construction enables installation in various orientations, except completely inverted.

The product is used in UPS power supplies, alarm systems, fire protection systems, CCTV monitoring, access control, automation, telecommunications, and selected medical, marine, and mobile equipment. Standard AGM technology is intended mainly for standby operation; in cyclic applications, the number of cycles depends on the depth of discharge. The design life is 5 years in standby operation at a temperature of 25°C.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Nominal voltage**	12 V
	Nominal capacity	22 Ah
	Internal resistance (at 25°C)	12 mΩ±15%
	Maximum charging current	6 A
	Maximum discharge current	300 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	T3/T12
	Dimensions (Length x Width x Height)	181 x 77 x 167 mm (overall height 167 mm)
	Net weight	5,7 kg ±3%

PRODUCT GALLERY



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