AGM SECURITY 12V 65Ah VRLA MAINTENANCE-FREE BATTERY

REGULAR RANGE

PRODUCT CODE
6AKUYSE065

EAN
5904100454280

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

SUBCATEGORY
AGM LONG LIFE maintenance-free batteries

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ABOUT THE PRODUCT

AGM SECURITY 12V 65Ah VRLA MAINTENANCE-FREE BATTERY (model S12-65Ah) 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 glass-fibre mat separators, while the internal gas recombination technology eliminates the need for replenishment or replacement.

The battery has a sealed housing with self-regulating safety valves, limiting the risk of electrolyte leakage. The reinforced Heavy Duty Grid construction increases plate resistance to corrosion and active-material shedding, ensuring stable parameters. The housing is made of ABS plastic, and the battery is equipped with copper T14-type connection terminals.

The product can operate in various orientations, excluding the completely inverted position with the terminals facing downward. It is used in UPS power supplies, alarm systems, fire-protection systems, CCTV monitoring, access control, automation, telecommunications, medical equipment, marine equipment, power tools, electric toy vehicles and wheelchairs.

Standard AGM technology is intended mainly for standby operation. In W photovoltaic installations and energy storage systems, deep discharges may accelerate battery wear. The number of cycles depends on the depth of discharge: up to approximately 900–1000 cycles at 30% DOD, approximately 400 cycles at 50% DOD, and approximately 200 cycles at 100% DOD. The product complies with IEC, BS, JIS and Eurobat standards and has CE and UL certificates (MH62092).

TECHNICAL SPECIFICATIONS

Electrical specifications	**Nominal voltage**	12 V
	Nominal capacity	65 Ah
	Internal resistance (at 25°C)	6,5 mΩ±15%
	Maximum charging current	19,5 A
	Maximum discharge current	650 A (for 5 seconds)
	Design life (at 25°C)	5 years

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TECHNICAL SPECIFICATIONS - CONTINUED

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)
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	T14
	Dimensions (Length x Width x Height)	350 x 166 x 179 mm (total height 179 mm)
	Net weight	19,3 kg ±3%

PRODUCT GALLERY



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