AGM SECURITY 12V 26Ah VRLA MAINTENANCE-FREE BATTERY

REGULAR RANGE

PRODUCT CODE
6AKUYSE026

EAN
5904100454259

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

SUBCATEGORY
Maintenance-free AGM LONG LIFE batteries

PRODUCT PAGE
voltpolska.pl/produkty/agm-security-12v-26ah-vrla-akumulato...



ABOUT THE PRODUCT

AGM SECURITY 12V 26Ah VRLA MAINTENANCE-FREE BATTERY (model S12-26Ah, index 6AKUYSE026) is a maintenance-free VRLA lead-acid battery manufactured using AGM technology. It is primarily designed for standby operation and backup power systems.

The design uses separators made of glass-fibre mat, in which the electrolyte is immobilised, as well as multi-component lead-calcium alloys. The Heavy Duty Grid with a curved structure limits active-material shedding and increases the plates' corrosion resistance. The sealed enclosure with self-regulating safety valves reduces the risk of electrolyte leakage. The battery does not require electrolyte topping up or replacement and can operate in various positions, except when completely inverted with the terminals facing downwards.

The product is used in UPS power supplies, alarm systems, fire-protection systems, CCTV monitoring, access control, automation, telecommunications, medical equipment, marine equipment, power tools, and selected vehicles and mobile devices. Standard AGM technology is intended mainly for standby operation. 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 battery has a nominal voltage of 12 V and a nominal capacity of 26 Ah. The design life is 5 years at 25°C. 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	26 Ah
	Internal resistance (at 25°C)	14 mΩ±15%
	Maximum charging current	7,2 A
	Maximum discharge current	360 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	T4/T12
	Dimensions (Length x Width x Height)	166 x 175 x 125 mm (total height 125 mm)
	Net weight	7,6 kg ±3%

PRODUCT GALLERY



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