AGM SECURITY PREMIUM 12V 7Ah VRLA MAINTENANCE-FREE BATTERY

REGULAR RANGE

PRODUCT CODE
6AKUYSEP07

EAN
—

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

SUBCATEGORY
AGM LONG LIFE maintenance-free batteries

PRODUCT PAGE
voltpolska.pl/produkty/agm-security-premium-12v-7ah-vrla-ak...



ABOUT THE PRODUCT

The AGM SECURITY PREMIUM 7Ah 12VDC battery (model SPE12-7Ah) is a maintenance-free lead-acid VRLA battery manufactured using AGM technology. It is primarily intended for standby operation and backup power systems.

The glass-fibre mat separator retains the electrolyte, while the Heavy Duty Grid construction limits active-material shedding and improves operating stability. The sealed housing with self-regulating safety valves reduces the risk of electrolyte leakage. The battery does not require electrolyte replenishment or replacement during operation and can operate in various positions, except when installed with the terminals facing downward.

The product is used in UPS power supplies, industrial and domestic automation, alarm and fire-protection systems, CCTV monitoring, access control, telecommunications, and selected medical, marine and mobile equipment. Standard AGM technology is intended mainly for standby operation; frequent 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 battery’s designed service life is 5 years in standby operation at a temperature of 25°C. The product complies with IEC, BS, JIS and Eurobat standards and has CE and UL (MH62092) certifications.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Nominal voltage**	12 V
	Nominal capacity	7 Ah
	Internal resistance (at 25°C)	25 mΩ±15%
	Maximum charging current	2,1 A
	Maximum discharge current	105 A (for 5 seconds)
	Designed service life (at 25°C)	5 years

VOLT POLSKA Sp. z o.o.

ul. Świemirowska 3, 81-877 Sopot
NIP 5851458032 | REGON 221142660
KRS 0000372066

voltpolska.pl
(58) 500-85-62
hurt@voltpolska.pl
pomoc@voltpolska.pl

GENERATED: 2026-10-30 14:51

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	T1/T2
	Dimensions (Length x Width x Height)	151 x 65 x 94 mm (total height 100 mm)
	Net weight	2,2 kg ±3%

PRODUCT GALLERY



VOLT POLSKA Sp. z o.o.

ul. Świemirowska 3, 81-877 Sopot
NIP 5851458032 | REGON 221142660
KRS 0000372066

voltpolska.pl
(58) 500-85-62
hurt@voltpolska.pl
pomoc@voltpolska.pl

This datasheet was generated automatically; technical data and images are for reference only and may change without notice. To the extent permitted by law, VOLT POLSKA accepts no liability for any errors or inaccuracies in this datasheet.