



VPRO AGM 12V 26Ah MAINTENANCE-FREE BATTERY

REGULAR RANGE

PRODUCT CODE

6AKUAGM026

EAN

5903760240554

CATEGORY

Maintenance-free batteries (AGM, GEL, LiFePO4)

SUBCATEGORY

Maintenance-free batteries AGM VPRO

PRODUCT PAGE

voltpolska.pl/produkty/akumulator-agm-vpro-12v-26-ah-vrla-b...

ABOUT THE PRODUCT

Summary based on the description published on the product page.

VPRO AGM 12V 26Ah VOLT POLSKA is a maintenance-free lead-acid battery manufactured using AGM technology, intended primarily for standby operation and backup power supply. It is suitable for UPS systems, furnaces and central-heating pumps, alarm systems, automation systems, monitoring, access control, telecommunications and other devices requiring voltage backup.

AGM technology uses fibreglass separators in which the electrolyte is immobilised. The sealed design reduces the risk of leakage, does not require electrolyte replenishment and enables operation in various positions. Automatic safety valves protect the enclosure against excessive pressure build-up, while the design provides resistance to vibration and stable technical operation.

The battery is intended primarily for standby applications. It is not the best choice for intensive cyclic operation, regular deep discharge or energy storage in off-grid photovoltaic systems, motorhomes, trailers and boats. Correct operation requires using a charger or controller with settings compliant with the requirements of AGM batteries, as well as avoiding overcharging and prolonged storage in a discharged state.

The battery's nominal voltage is 12 V, and its nominal capacity is 26 Ah. The internal resistance at 25°C is 10,3 mΩ. The maximum charging current is 7,2 A, with a recommended current of 2,6 A, while the maximum discharge current is 360 A for 5 seconds. The design life at 25°C is 8-10 years. The operating temperature range is from -15°C to +50°C during discharge and from -10°C to +50°C during charging.

TECHNICAL SPECIFICATIONS

Electrical specifications	Nominal voltage	12 V
	Nominal capacity	26 Ah
	Internal resistance (at 25°C)	10,3 mΩ
	Maximum charging current	7,2 A (recommended charging current is 0,1C, i.e. 2,6 A)
	Maximum discharge current	360 A (for 5 seconds)
	Design life (at 25°C)	8 - 10 years
Operating and Charging Parameters	Charging voltage (at 25°C)	14,4 V - 15,0 V
	Self-discharge (at 25°C)	Remains 91% (after 3 months), 82% (after 6 months), 64% (after 12 months)
	Effect of temperature on capacity	102% (at 40°C), 100% (at 25°C), 85% (at 0°C), 65% (at -15°C)



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
	Dimensions (Length x Width x Height)	175 x 166 x 126 mm (total height 126 mm)
	Net weight	7,2 kg ±3%
	Unit packaging dimensions	18,5 x 17,3 x 14,3 cm
	Unit packaging weight (gross)	7,7 kg

PRODUCT GALLERY

