VPRO AGM 12V 10Ah LONG LIFE MAINTENANCE-FREE BATTERY

REGULAR RANGE

PRODUCT CODE
6AKUAGM010

EAN
5903760240516

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

SUBCATEGORY
AGM VPRO maintenance-free batteries

PRODUCT PAGE
voltpolska.pl/produkty/akumulator-agm-vpro-12v-10ah-vrla-b...



ABOUT THE PRODUCT

VPRO AGM 12V 10Ah LONG LIFE MAINTENANCE-FREE BATTERY is a sealed lead-acid battery manufactured using AGM technology. It is intended primarily for standby operation and emergency power supply, particularly in UPS installations, alarm systems, monitoring systems, automation systems, access control systems, and for powering furnaces and central-heating pumps.

AGM technology uses separators made of glass fibre, in which the electrolyte is immobilised. The sealed construction reduces the risk of leakage and does not require electrolyte replenishment, while automatic safety valves protect the enclosure against excessive pressure increase. The battery can operate in various positions and is resistant to vibration.

The VPRO AGM 12V 10Ah LONG LIFE model is best suited for devices remaining in standby mode that draw energy mainly during a mains power failure. It may be used, among other applications, in alarm control panels, recorders, routers, controllers, security systems, emergency lighting, gate automation systems, and low-voltage devices.

The AGM battery is not intended primarily for intensive cyclic operation and regular deep discharge, typical of energy storage systems, off-grid photovoltaic installations, motorhomes, boats, and similar applications. To maintain service life, use a charger or controller with settings suitable for AGM batteries, avoid overcharging, and avoid prolonged storage in a discharged state.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Nominal voltage**	12 V
	Nominal capacity	10 Ah
	Internal resistance (at 25°C)	18,5 mΩ
	Maximum charging current	2,70 A (the recommended charging current is 0,1C, i.e. 1,0 A)
	Maximum discharge current	135 A (for 5 seconds)
	Design life (at 25°C)	8 - 10 years

TECHNICAL SPECIFICATIONS - CONTINUED

Operating and Charging Parameters	**Charging voltage (at 25°C)**	14,4 V - 15,0 V
	Self-discharge (at 25°C)	Remains at 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)
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)	151 x 65 x 94 mm (total height 100 mm)
	Net weight	2,35 kg ±3%

PRODUCT GALLERY





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PRODUCT GALLERY - CONTINUED









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