VPRO AGM 6V 5Ah MAINTENANCE-FREE BATTERY

REGULAR RANGE

PRODUCT CODE
6AKAAGM605

EAN
5903760240448

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

SUBCATEGORY
Maintenance-free batteries AGM VPRO

PRODUCT PAGE
voltpolska.pl/produkty/akumulator-agm-vpro-6v-5ah-vrla-bez...



ABOUT THE PRODUCT

VPRO AGM 6V 5Ah VOLT POLSKA is a maintenance-free lead-acid battery manufactured using AGM technology, intended mainly for standby operation and backup power supply. It performs best in systems where it remains in standby mode and supplies energy during a mains power failure.

AGM technology uses separators made of glass fibre, in which the electrolyte is immobilised. The sealed construction reduces the risk of leakage, eliminates the need to replenish the electrolyte and enables operation in various positions. Automatic safety valves protect the housing against excessive pressure increase, while the construction provides resistance to vibration.

The battery is intended for UPS systems, furnaces and central-heating pumps, alarm systems, automation systems, monitoring, access control, telecommunications and other devices requiring stable voltage backup. It may also be used in selected mobile devices, provided that the charging and discharging parameters are correctly selected.

Model AGM performs best in standby operation. It is not intended for intensive cyclic operation involving regular deep discharging and charging, typical of some photovoltaic installations, motorhomes, boats and off-grid systems. Charging devices with settings compliant with the requirements of AGM batteries must be used, and overcharging and prolonged storage in a discharged state must be avoided.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Nominal voltage**	6 V
	Nominal capacity	5 Ah
	Internal resistance (at 25°C)	28,1 mΩ
	Maximum charging current	1,20 A (the recommended charging current is 0,1C, i.e. 0,5 A)
	Maximum discharging current	60 A (for 5 seconds)
	Design life (at 25°C)	8 - 10 years

TECHNICAL SPECIFICATIONS - CONTINUED

Operating and Charging Parameters	**Charging voltage (at 25°C)**	7,20 V - 7,50 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 (discharging), -10°C to +50°C (charging)
	Storage temperature range	-20°C to +50°C
	Dimensions (Length x Width x Height)	70 x 47 x 100 mm (total height 105 mm)
	Net weight	0,64 kg ±3%
	Unit packaging dimensions	29 x 24,7 x 12,5 cm
	Unit packaging weight (gross)	1,14 kg

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.