VPRO AGM 12V 55Ah MAINTENANCE-FREE BATTERY

REGULAR RANGE

PRODUCT CODE
6AKUAGM055

EAN
5903760240578

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

SUBCATEGORY
Maintenance-free batteries AGM VPRO

PRODUCT PAGE
voltpolska.pl/produkty/akumulator-agm-vpro-12v-55-ah-vrla-b...



ABOUT THE PRODUCT

VPRO AGM 12V 55Ah MAINTENANCE-FREE BATTERY is a sealed lead-acid battery manufactured using AGM technology, intended primarily for standby operation and backup power supply. The applied glass-fibre separators retain the electrolyte, reducing the risk of leakage and eliminating the need for replenishment. Automatic safety valves protect the casing against excessive pressure increase.

The battery is suitable for UPS systems, furnaces and central-heating pumps, alarm systems, automation systems, monitoring, access control, telecommunications and other devices requiring stable voltage backup. It can be installed in various positions, making it suitable for technical cabinets, equipment enclosures and locations with limited space.

Model AGM performs best in installations where it remains on standby and supplies energy during a mains power failure. It is not intended for intensive cyclic operation involving regular deep discharges, particularly in off-grid photovoltaic installations, motorhomes, boats and other systems for daily energy storage.

During operation, use a charger or regulator with settings suitable for AGM batteries and avoid overcharging and regular deep discharge. Proper handling, periodic voltage checks during storage and operation at a temperature close to room temperature affect the battery’s capacity, service life and safety.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Rated voltage**	12 V
	Nominal capacity	55 Ah
	Internal resistance (at 25°C)	6,90 mΩ
	Maximum charging current	16,5 A (recommended charging current is 0,1C, i.e. 5,5 A)
	Maximum discharge current	550 A (for 5 seconds)
	Design life (at 25°C)	8 - 10 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 16:09

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)	230 x 138 x 210 mm (total height 215 mm)
	Net weight	15,3 kg ±3%
	Individual packaging dimensions	24,2 x 14,8 x 24,8 cm
	Individual packaging weight (gross)	15,8 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.