VPRO AGM 12V 200Ah MAINTENANCE-FREE BATTERY

REGULAR RANGE

PRODUCT CODE
6AKUAGM200

EAN
5903760240660

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

SUBCATEGORY
Maintenance-free AGM VPRO batteries

PRODUCT PAGE
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ABOUT THE PRODUCT

VPRO AGM 12V 200Ah MAINTENANCE-FREE BATTERY is a sealed lead-acid battery manufactured using AGM technology, intended mainly for standby operation and backup power supply. Thanks to the use of glass-fibre separators with immobilised electrolyte, it does not require electrolyte replenishment or typical maintenance operations.

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

AGM technology reduces the risk of electrolyte leakage, while automatic safety valves protect the enclosure against excessive pressure increase. The design provides resistance to vibration and good current performance when supplying equipment requiring continuous backup or temporarily higher power consumption.

The battery is intended primarily for standby operation. Regular deep discharge, typical of intensive cyclic operation, off-grid photovoltaic systems, campers, trailers and boats, is not recommended. Correct operation requires the use of a charger or regulator with settings appropriate for AGM batteries, as well as avoiding overcharging and prolonged storage in a discharged state.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Rated voltage**	12 V
	Nominal capacity	200 Ah
	Internal resistance (at 25°C)	2,45 mΩ
	Maximum charging current	60 A
	Maximum discharge current	1600 A (for 5 seconds)
	Design life (at 25°C)	8-10 years

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GENERATED: 2026-10-30 15:23

TECHNICAL SPECIFICATIONS - CONTINUED

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)
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 for +50°C
	Dimensions (Length x Width x Height)	522 x 240 x 221 mm (total height 226 mm)
	Net weight	56 kg ±3% *(note in the source data: obvious typographical error "56g", the correct weight follows from the unit packaging weight 55,5 kg)*
	Unit packaging dimensions	53,0 x 25,0 x 27,7 cm
	Unit packaging weight (gross)	55,5 kg

PRODUCT GALLERY





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