AGM 12V 200Ah MAINTENANCE-FREE BATTERY

REGULAR RANGE

PRODUCT CODE
6AKUXAG200

EAN
5903760240769

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

SUBCATEGORY
Maintenance-free batteries AGM

PRODUCT PAGE
voltpolska.pl/produkty/akumulator-agm-12v-200ah-vrla



ABOUT THE PRODUCT

The AGM 200Ah 12VDC VOLT POLSKA battery is a maintenance-free lead-acid battery using AGM technology, intended primarily for standby operation and emergency power supply. It is suitable for UPS systems, boilers and central-heating pumps, alarm systems, automation, monitoring, access control and other devices requiring voltage backup.

AGM technology uses separators made of glass fibre, in which the electrolyte is immobilised. The sealed construction requires no electrolyte replenishment, reduces the risk of leakage and allows operation in various positions. Automatic safety valves protect the casing against excessive pressure build-up.

The battery performs best in systems where it remains on standby and delivers energy mainly during a mains power failure. It can power alarm control panels, recorders, routers, controllers, security systems, emergency lighting, gate automation, circulation pumps and other low-voltage devices.

AGM is not intended primarily for intensive cyclic operation and regular deep discharge, typical of off-grid photovoltaic systems, motorhomes, boats or energy storage systems. Correct operation requires using a charger or controller with settings compatible with the requirements of AGM batteries, avoiding overcharging and prolonged storage in a discharged state. Temperature affects the battery's capacity and service life; the recommended operating temperature is 25°C ±3°C.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Nominal voltage**	12 V
	Nominal capacity	200 Ah
	Internal resistance (at 25°C)	3,2 mΩ
	Maximum charging current	52,5 A (the recommended charging current is 0,1C, i.e. 20 A)
	Maximum discharge current	1800 A (for 5 seconds)
	Design service life (at 25°C)	3 - 5 years

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TECHNICAL SPECIFICATIONS - CONTINUED

Operating and Charging Parameters	**Charging voltage (cyclic operation)**	14,4 V - 14,7 V DC
	Charging voltage (standby operation)	13,5 V - 13,8 V DC
	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)	552 x 240 x 221 mm (total height 226 mm)
	Net weight	49 kg ±3%
	Individual packaging dimensions	~ 570 x 260 x 260 mm
	Individual packaging weight	~ 50 - 51 kg

PRODUCT GALLERY



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