VPRO AGM 12V 260Ah MAINTENANCE-FREE BATTERY

REGULAR RANGE

PRODUCT CODE
6AKUAGM260

EAN
5904100452736

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

SUBCATEGORY
Maintenance-free batteries AGM VPRO

PRODUCT PAGE
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ABOUT THE PRODUCT

VPRO AGM 12V 260Ah MAINTENANCE-FREE BATTERY is a sealed lead-acid battery manufactured using AGM technology, intended primarily for standby operation and emergency power supply. Thanks to the use of glass-fibre separators, the electrolyte immobilised in them does not require replenishment, while the sealed design reduces the risk of leakage. Automatic safety valves protect the casing against excessive pressure increase.

The battery is suitable for use in UPS systems, central-heating boilers and pumps, alarm systems, automation systems, monitoring, access control, telecommunications, and other equipment requiring stable voltage backup. It performs best in systems where it remains in standby mode and supplies energy during a mains power failure.

The AGM design enables operation in various positions and provides resistance to vibration and mechanical stability. The battery is not primarily intended for intensive cyclic operation involving regular deep discharging and charging. W such applications, including off-grid photovoltaic systems, motorhomes, boats, and energy storage systems, its service life may be shorter than that of batteries intended for cyclic operation.

For correct operation, use a charger or charge controller with settings suitable for AGM batteries, avoid overcharging and regular deep discharging, and do not store the battery for a long period in a discharged state.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Nominal voltage**	12 V
	Nominal capacity	260 Ah
	Internal resistance (at 25°C)	2,47 mΩ
	Maximum charging current	75 A
	Maximum discharge current	2000 A (for 5 seconds)
	Design life (at 25°C)	8-10 years

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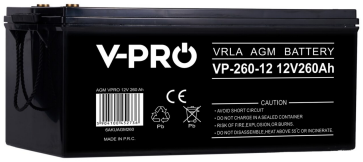
TECHNICAL SPECIFICATIONS - CONTINUED

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 268 x 220 mm (total height 225 mm)
	Net weight	64,2 kg ±3% *(note in the source data: obvious typographical error "64,2g", the correct weight is indicated by the weight of the individual package 64,7 kg)*
	Individual package dimensions	52,5 x 27,5 x 27,8 cm
	Individual package weight (gross)	64,7 kg

PRODUCT GALLERY





PRODUCT GALLERY - CONTINUED







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