VPRO AGM 12V 150Ah MAINTENANCE-FREE BATTERY

REGULAR RANGE

PRODUCT CODE
6AKUAGM150

EAN
5903760240653

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 150Ah MAINTENANCE-FREE BATTERY is a sealed lead-acid battery manufactured using AGM technology, intended primarily for standby operation and emergency power supply. It does not require electrolyte replenishment or typical maintenance procedures, while its sealed construction with fibreglass separators reduces the risk of leakage. Automatic safety valves protect the housing against excessive pressure increase.

The battery is suitable for UPS systems, central-heating boilers and pumps, alarm systems, automation, monitoring, access control, telecommunications and other devices requiring stable voltage backup. It can be installed in various positions, making it suitable for technical cabinets, device enclosures and installations with limited space. The AGM construction provides resistance to vibration and stable operation in technical applications.

The model is not intended primarily for intensive cyclic operation involving regular deep discharge and charging. W such applications, including off-grid photovoltaic systems, motorhomes, boats and other energy-storage systems, its service life may be shorter than that of batteries intended for cyclic operation. A charger or controller with settings suitable for AGM batteries must be used, and overcharging and prolonged storage in a discharged state must be avoided.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Nominal voltage**	12 V
	Nominal capacity	150 Ah
	Internal resistance (at 25°C)	3,60 mΩ
	Maximum charging current	45 A
	Maximum discharge current	1200 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 to +50°C
	Dimensions (Length x Width x Height)	481 x 170 x 241 mm (overall height 245 mm)
	Net weight	40,8 kg ±3%
	Individual packaging dimensions	49,2 x 18,0 x 26,7 cm
	Individual packaging weight (gross)	41,3 kg

PRODUCT GALLERY





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