VPRO AGM 12V 65Ah MAINTENANCE-FREE BATTERY

REGULAR RANGE

PRODUCT CODE
6AKUAGM065

EAN
5903760240585

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

SUBCATEGORY
VPRO AGM maintenance-free batteries

PRODUCT PAGE
voltpolska.pl/produkty/akumulator-agm-vpro-12v-65-ah-vrla-b...



ABOUT THE PRODUCT

VPRO AGM 12V 65Ah MAINTENANCE-FREE BATTERY is a sealed lead-acid battery manufactured using AGM technology, intended primarily for standby operation and backup power supply. It does not require electrolyte replenishment or typical maintenance activities, while the sealed construction with automatic safety valves reduces the risk of leakage and excessive pressure increase.

The battery is suitable for UPS systems, furnaces and central-heating pumps, alarm systems, automation, monitoring, access control, telecommunications and other devices requiring stable voltage backup. It can operate in various positions, facilitating installation in technical cabinets, device enclosures and locations with limited space. AGM technology also provides resistance to vibration and mechanical stability.

The model is intended mainly for installations in which it remains on standby and supplies energy during a mains power failure. It is not the best choice for intensive cyclic operation involving regular deep discharging and charging, typical of some off-grid photovoltaic installations, motorhomes, boats and energy storage systems. To maintain the specified performance and service life, use a charger or regulator compatible with the requirements of AGM batteries and avoid prolonged storage in a discharged state.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Nominal voltage**	12 V
	Nominal capacity	65 Ah
	Internal resistance (at 25°C)	6,80 mΩ
	Maximum charging current	19,5 A (the recommended charging current is 0,1C, i.e. 6,5 A)
	Maximum discharge current	650 A (for 5 seconds)
	Design service life (at 25°C)	8 - 10 years

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GENERATED: 2026-10-30 16:09

TECHNICAL SPECIFICATIONS - CONTINUED

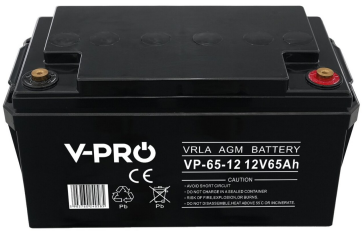
Operating and Charging Parameters	**Charging voltage (at 25°C)**	14,4 V - 15,0 V
	Self-discharge (at 25°C)	Remains at 91% (after 3 months), 82% (after 6 months), 64% (after 12 months)
	Effect of temperature on capacity	102% (at 40°C), 100% (at 25°C), 85% (at 0°C), 65% (at -15°C)
Dimensions and Operating 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)	348 x 168 x 177 mm (total height 177 mm)
	Net weight	18,6 kg ±3%
	Individual packaging dimensions	36,0 x 17,4 x 20,5 cm
	Individual packaging weight (gross)	19,1 kg

PRODUCT GALLERY





PRODUCT GALLERY - CONTINUED









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