OPTI AGM 12V 75 Ah BATTERY

REGULAR RANGE

PRODUCT CODE
6AKUV075AG

EAN
5903760240738

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

SUBCATEGORY
OPTI maintenance-free batteries AGM

PRODUCT PAGE
voltpolska.pl/produkty/agm-opti-12v-75-ah-akumulator



ABOUT THE PRODUCT

OPT I AGM 12V 75 Ah BATTERY from VOLT Polska is a maintenance-free VRLA AGM battery manufactured using separators made of electrolyte-saturated glass mat. Self-regulating safety valves and internal gas recombination ensure a sealed design and eliminate the need to replenish the electrolyte.

The battery features low self-discharge and a designed service life of 5–8 years at 25°C. It can be used in emergency power supply systems, alarm systems, communication and telecommunications equipment, medical equipment and marine equipment.

The OPTI AGM model is intended primarily for standby operation, including emergency power supply systems UPS. Using AGM batteries in photovoltaic installations and cyclic charging systems may result in faster loss of efficiency or capacity. Incorrect selection of the charging current may result in battery damage and loss of warranty.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Nominal voltage**	12 V
	Nominal capacity	75 Ah
	Internal resistance (at 25°C)	7,2 mΩ
	Maximum charging current	19,5 A (recommended charging current is 0,1C, i.e. 7,5 A)
	Maximum discharge current	650 A (for 5 seconds)
	Designed service life (at 25°C)	5 - 8 years
Operating and Charging Parameters	**Charging voltage**	14,4 V - 14,7 V DC (for cyclic operation)
	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)

TECHNICAL SPECIFICATIONS - CONTINUED

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)	347 x 167 x 176 mm
	Net weight	18,4 kg ±3%
	Individual package dimensions	360 x 174 x 205 mm (36 x 17,4 x 20,5 cm)
	Individual package weight (gross)*	~ 19 - 19,5 kg

PRODUCT GALLERY





PRODUCT GALLERY - CONTINUED





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