VPRO SOLAR DEEP CYCLE 12V 74Ah MAINTENANCE-FREE BATTERY

DISCONTINUED

PRODUCT CODE
6AKXDEEP07

EAN
5904100450725

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

SUBCATEGORY
Maintenance-free AGM DEEP CYCLE batteries

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ABOUT THE PRODUCT

VPRO SOLAR DEEP CYCLE 12V 74Ah MAINTENANCE-FREE BATTERY is a battery from the DEEP CYCLE series, designed for cyclic operation and deep discharge. It can power solar and wind energy systems, emergency power systems, UPS power supplies, communication and telecommunications equipment, wheelchairs, power tools, golf cars, Buggy off-road vehicles and medical equipment. W marine equipment, it must be used with a sealed enclosure.

The reinforced construction with lead plates, high-density active materials and stronger electrolyte supports cyclic operation and recovery after deep discharge. The housing is made of ABS-type material, and the cells are made of copper.

The battery is equipped with an automatic sealing system. W case of excessive internal pressure, the valves open, enabling safe gas discharge and reducing the risk of housing damage. The construction is maintenance-free, requires no replenishment or replacement of the electrolyte and does not cause electrolyte leakage.

The designed service life of the battery is 8-10 years at 25°C. It is intended for operation in the temperature range from -15°C to +50°C during discharge and from -10°C to +50°C during charging.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Rated voltage**	12 V
	Nominal capacity	74 Ah
	Internal resistance (at 25°C)	5,8 mΩ
	Maximum charging current	18,5 A
	Maximum discharge current	650 A (for 5 seconds)
	Designed service life (at 25°C)	8-10 years

TECHNICAL SPECIFICATIONS - CONTINUED

Operating and Charging Parameters	**Charging voltage (at 25°C)**	14,4 V - 15,0 V (standby: 13,5 V - 13,8 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)	347 x 167 x 176 mm (total height 176 mm)
	Net weight	19,1 kg ±3%

PRODUCT GALLERY





PRODUCT GALLERY - CONTINUED







VOLT POLSKA Sp. z o.o.

ul. Świemirowska 3, 81-877 Sopot
NIP 5851458032 | REGON 221142660
KRS 0000372066

voltpolska.pl
(58) 500-85-62
hurt@voltpolska.pl
pomoc@voltpolska.pl

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