

MAINTENANCE-FREE BATTERY VRLA AGM

120Ah 12V

INDEKS: 6AKUXAG120

EAN: 5904100452774

The construction of **VRLA AGM** batteries (**Absorbing Glass Matt**) by VOLT Polski is based on **glass mat separators soaked in electrolyte**.

VRLA (Valve Regulated Lead Acid) means that the batteries use the technology of self-regulating safety valves and internal gas recombination reaction. Thanks to the valves the construction of batteries is non-spillable and protected against the leak of electrolyte outside. Internal technology recombination of gases eliminates the need of replenishing the electrolyte. The batteries are safe and can operate in closed offices, houses. **They have a long life and low self-discharge design.**

VRLA AGM batteries can be used in: emergency power system, alarm systems, telecommunication systems, uninterruptible power supplies, marine and medical equipment.

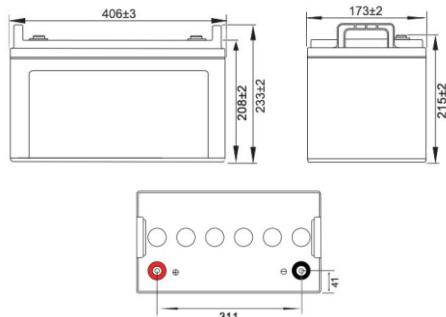
IMPORTANT!

Using maintenance-free **AGM** batteries (e.g. AGM, AGM OPTI, AGM VPRO series) to work in photovoltaic installations (cyclic use) may result in a faster loss of battery efficiency and capacity. Such batteries are designed to float use (e.g. emergency power supply systems).

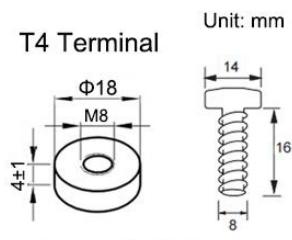
The same as in the case of other types of batteries, **inappropriate charging current may result in damage of the battery and loss of warranty for the battery.**

Main technical data:

Nominal voltage	12V
Nominal capacity	120Ah
Innernal Resistance (25°C)	4,10mΩ
Capacity (40°C)	102%
Capacity (25°C)	100%
Capacity (0°C)	85%
Capacity (-15°C)	65%
Self discharge (25°C) 3months	91%
Self discharge (25°C) 6months	82%
Self discharge (25°C) 12months	64%
Working temperature	25°C±3°C
Working temperature - discharge	(-15 to 50)°C
Working temperature - charge	(-10 to 50)°C
Working temperature - storage	(-20 to 50)°C
Charge voltage (25°C)	14,4VDC(NORM) -14,7VDC(BOOST)
Max charge current	30A
Max discharge current	1000A (for 5 seconds)
Design life (25°C)	3-5years
Total height	233mm
Height	215mm
Width	173mm
Length	406mm
Weight	29,5kg +/- 3%
Gross dimensions	415x180x266mm
Gross weight	30kg
Multipack dimensions	1100x780x150mm
Multipack weight	1035kg



Dimensions



Torque:10~12N*m

Terminal type (mm):