

# MAINTENANCE-FREE BATTERY VRLA AGM

## VPRO 6V 10Ah

INDEKS: 6AKAAGM610  
EAN: 5903760240455

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

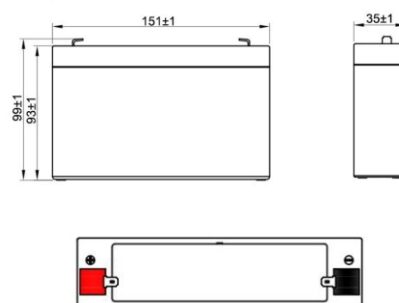
### IMPORTANT!

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)**.

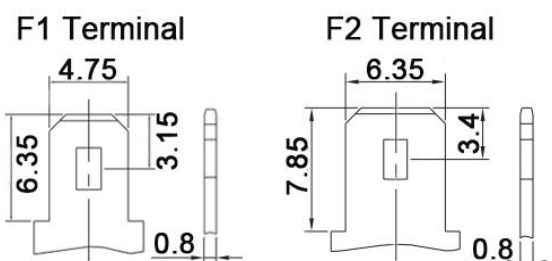
The same as in the case of other types of batteries, **inappropriate charging current may result in damage of the battery and loss of warranty for the battery**.

### Main technical data:

Nominal voltage	6V
Nominal capacity	10Ah
Internal Resistance (25°C)	12,90mΩ
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)	7,25VDC(NORM) - 7,50VDC(BOOST)
Max charge current	2,16A
Max discharge current	108A (for 5 seconds)
Design life (25°C)	8-10years
Total height	99mm
Height	93mm
Width	35mm
Length	151mm
Weight	1,03kg±3%
Gross dimensions	31,3x18,3x12cm
Gross weight	10,8kg



Dimensions



Terminal type (mm):