

MAINTENANCE-FREE BATTERY VRLA AGM

OPTI 150Ah 12V

INDEKS: 6AKUV150AG
EAN: 5904100451616

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

IMPORTANT!

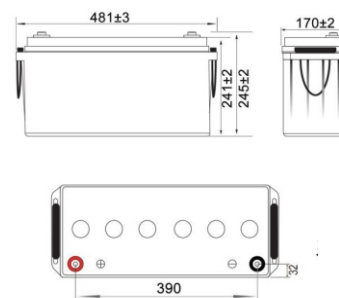
Using maintenance-free **AGM batteries (e.g. AGM, AGM OPTI, AGM VPRO series) to work in photovoltaic installations (cyclic use)** may result in a **faster loss of battery efficiency and capacity**. Such batteries are **designed to float use (e.g. emergency power supply systems)**.

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**.

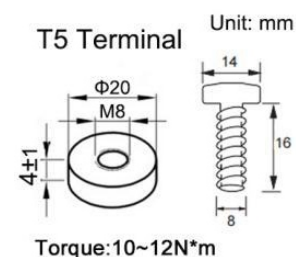


Main technical data:

Nominal voltage	12V
Nominal capacity	150Ah
Internal Resistance (25°C)	3.25mΩ
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 do 50)°C
Working temperature - charge	(-10 do 50)°C
Working temperature - storage	(-20 do 50)°C
Charge voltage (25°C)	14,4VDC(NORM) -14,7VDC(BOOST)
Max charge current	40.5A
Max discharge current	1080A (per 5 seconds)
Design life (25°C)	5-8lat
Total height	245mm
Height	241mm
Width	170mm
Length	481mm
Weight	36kg±3%



Dimensions



Terminal type (mm):