

MAINTENANCE-FREE BATTERY VRLA AGM

20Ah 12V

INDEKS: 6AKUXAG020

EAN: 5904100450831

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.

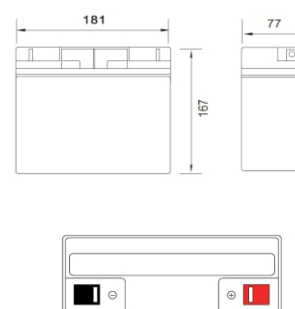
IMPORTANT!

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)**.

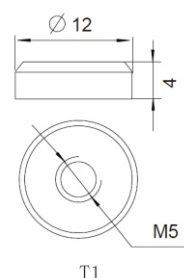
The same as in the case of other types of batteries, **inappropriate charging current may result in damage of the battery and loss of warranty for the battery**.

Main technical data:

| | |
|---------------------------------|--------------------------------|
| Nominal voltage | 12V |
| Nominal capacity | 20Ah |
| Internal Resistance (25°C) | 20mΩ |
| 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 | 4A |
| Max discharge current | 225A (for 5 seconds) |
| Max discharge current | 0,75A |
| Design life (25°C) | 3-5years |
| Total height | 167mm |
| Height | 167mm |
| Width | 77mm |
| Length | 181mm |
| Weight | 4,3kg±3% |
| Gross dimensions | 191x165x185cm |
| Gross weight | 9,5kg |



Dimensions



Terminal type (mm):