MAINTENANCE-FREE BATTERY VRLA AGM

OPTI 11Ah 12V

INDEKS: 6AKUV011AG
EAN: 5903760240813

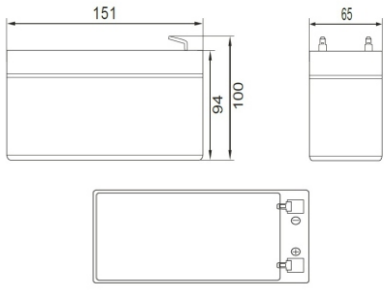
The construction of **VRLA AGM OPTI batteries (Absorbing Glass Matt)** by VOLT Polski is based on **glass mat separators soaked in electrolyte.**
VRLA (Valve Regulated Lead Acid) means **that the batteries use the technology of self-regulating safety valves and internal gas recombination reaction.** 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.**

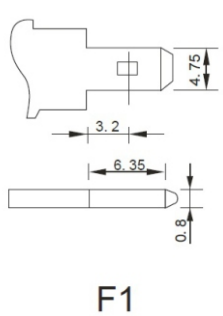


Main technical data:

Nominal voltage	12V
Nominal capacity	11Ah
Innternal Resistance (25°C)	35mΩ
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	1,95A
Max discharge current	97,5A (for 5 seconds)
Design life (25°C)	5-8years
Total height	100mm
Height	94mm
Width	65mm
Length	151mm
Weight	1,90kg±3%
Gross dimensions	34,6x16x12,1cm
Gross weight	10,5kg



Dimensions



F1

Terminal type (mm):

VOLT POLSKA

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UL. ŚWIEMIROWSKA 3
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