

# MAINTENANCE-FREE BATTERY VRLA AGM

## VPRO 100Ah 12V

**INDEKS:** 6AKUAGM100  
**EAN:** 5903760240639

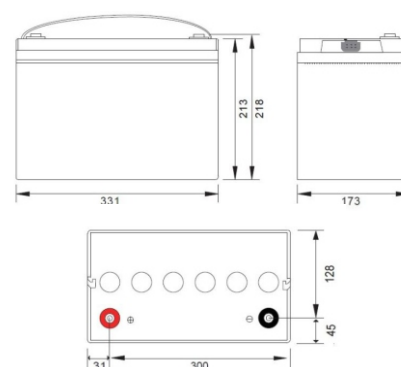
**VPRO batteries** by **VOLT Polska** are designed with **VRLA AGM (Absorbent Glass Mat)** technology, high performance plates and electrolyte to give extra power output for common power backup system. **The general features are:** heavy duty grid, non-spillable construction, mechanized assembly, high reliability and stability, sealed and maintenance-free, long life and low self-discharge design. **VPRO batteries** have 8-10 years design life at 25°C. They can be applied in emergency power system, communication equipment, alarm system, telecommunication systems, marine equipment, uninterruptible power supplies, medical equipment, fire and security system.

### Main technical data:

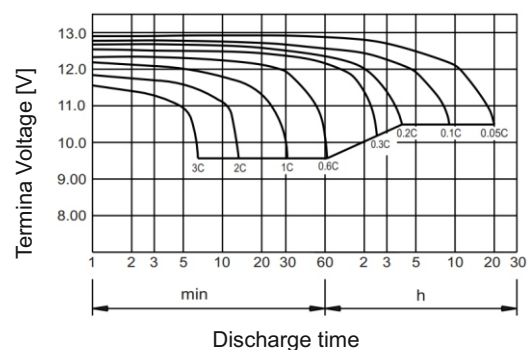
Nominal voltage		12 V
Rated capacity		100 Ah
Dimension	total height	218 mm
	height	213 mm
	width	173 mm
	length	331 mm
Approx Weight		27.7kg (61.06lbs) +/- 3%
Gross dimensions		36,4x20,3x26,5cm
Gross weight		26,6kg

### Other specification:

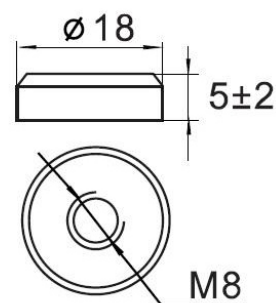
Capacity (at 25°C)	10h (10,8V)	100 Ah
	5h (10,5V)	80 Ah
	3h (10,8V)	71,4 Ah
	1h (9,6V)	60 Ah
Internal Resistance		~ 4,3 mΩ
Capacity affected by temperature	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self discharge (at 25°C)	3 months	91%
	6 months	82%
	12 months	64%
Working temperature		25°C +/- 3°C
Working temperature	Discharge	-15°C to 50°C
	Charge	-10°C to 50°C
	Storage	-20°C to 50°C
Float Use (25°C)	13,5 VDC	13,8 VDC
Cycle Use (25°C)	14,4 VDC	14,7 VDC
Max charging current		30 A
Max discharge current		800 A (5 s)
Design life (25°C)		8-10 years



Dimension



Discharge characteristic curve at 25°C



Terminal type (mm):