

# MAINTENANCE-FREE BATTERY VRLA AGM

## VPRO 5Ah 12V

INDEKS: 6AKUAGM005  
EAN: 5903760240486

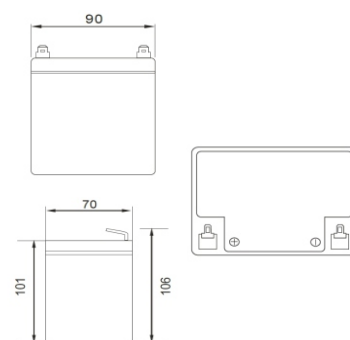
**VPRO batteries** by **VOLT Polska** are designed with **VRLA AGM (Absorbent Glass Mat)** technology, high performance plates and electrolyte to give extra power output for common power backup system. **The general features are:** heavy duty grid, non-spillable construction, mechanized assembly, high 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:

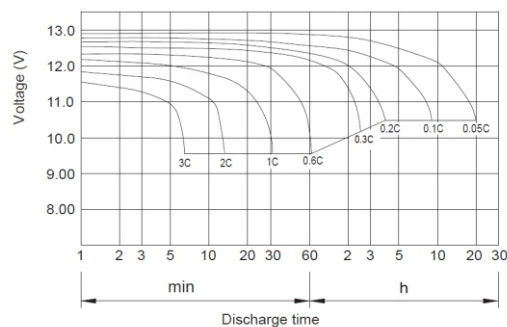
Main technical data:		
Nominal voltage		12 V
Rated capacity		5 Ah
Dimension	total height	106 mm
	height	101 mm
	width	70 mm
	length	90 mm
Approx Weight		1,41kg (3.11lbs) +/- 3%
Gross dimensions		37x19x13cm
Gross weight		14,6kg

### Other specification:

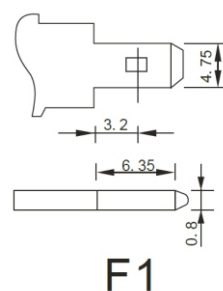
Capacity (at 25°C)	20h (0,25A)	5 Ah
	10h (0,45A)	4,5 Ah
	5h (0,85A)	4,25 Ah
	1h (3,00A)	3,00 Ah
Internal Resistance		~ 36 mΩ
Capacity affected by temperature	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self discharge (at 25°C)	3 months	91%
	6 months	82%
	12 months	64%
Working temperature		25°C +/- 3°C
Working temperature	Discharge	-15°C to 50°C
	Charge	-10°C to 50°C
	Storage	-20°C to 50°C
Float Use (25°C)	13,50 VDC	13,80 VDC
Cycle Use (25°C)	14,40VDC	14,70 VDC
Max charging current		75A
1,5 hour discharge to 5,25V		1,5A
Design life (25°C)		8-10 years



Dimension



Discharge characteristic curve at 25°C



Terminal type (mm):