

MAINTENANCE-FREE BATTERY VRLA DEEP CYCLE

VPRO SOLAR 110Ah 12V

INDEKS: 6AKXDEEP10
EAN: 5903760240776

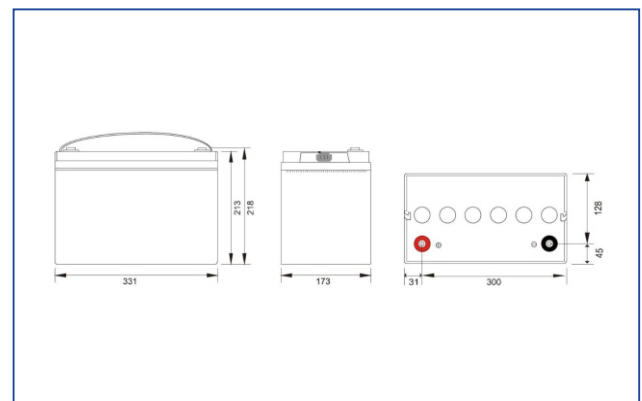
DEEP CYCLE batteries by **VOLT POLSKA** are superior deep cycle design with thick plates, high-density active materials and slightly stronger electrolyte, which can withstand repeated deep cyclic applications. **The general features are:** safety sealing, non-spillable construction, high power density, excellent recovery from deep discharge, thick plates and high active materials, longer life and low self-discharge design. **DEEP CYCLE batteries** have 8-10 years design life at 25°C. They can be applied in solar and wind power system, emergency power system, communication equipment, telecommunication systems, marine equipment, uninterruptible power supplies, medical equipment, fire and security system.

Main technical data:

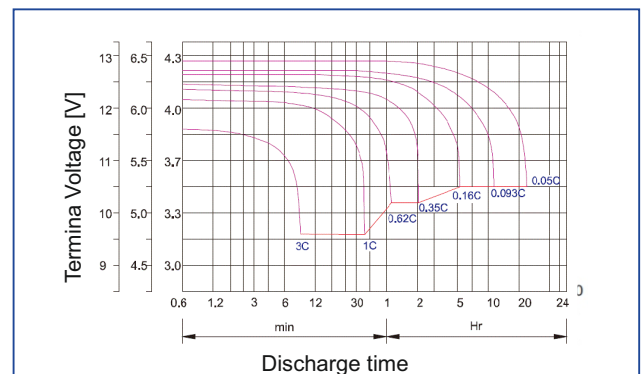
Nominal voltage	12V	
Rated capacity	110Ah	
Dimension	total height	218 mm
	height	213 mm
	width	173 mm
	length	331 mm
Approx Weight	28.6kg (63.05lbs) +/- 3%	
Gross dimensions	36,4x20,3x26,5cm	
Gross weight	29,1kg	

Other specification:

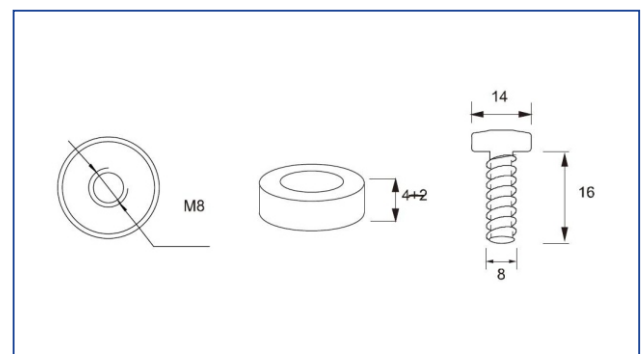
Capacity (at 25°C)	10h (10,8V)	110 Ah
	5h (10,5V)	80 Ah
	3h (10,2V)	75 Ah
	1h (9,6V)	60 Ah
Internal Resistance	~ 4,5mΩ	
Capacity affected by temperature	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self discharge (at 25°C)	3 months	91%
	6 months	82%
	12 months	65%
Working temperature	25°C +/- 3 st.C	
Working temperature	Discharge	-15°C to 50 st.C
	Charge	-10°C to 50 st.C
	Storage	-20°C to 50 st.C
Float Use (25°C)	13,5 VDC	13,8 VDC
Cycle Use (25°C)	14,1 VDC	14,4 VDC
Max charging current	30 A	
Max discharge current	1000 A (5 s)	
Design life (25°C)	8-10 years	



Dimension



Discharge characteristic curve at 25°C



Terminal type (mm):