

MAINTENANCE-FREE BATTERY VRLA DEEP CYCLE

VPRO SOLAR 220Ah 12V

INDEKS: 6AKXDEEP20

EAN: 5903760240783

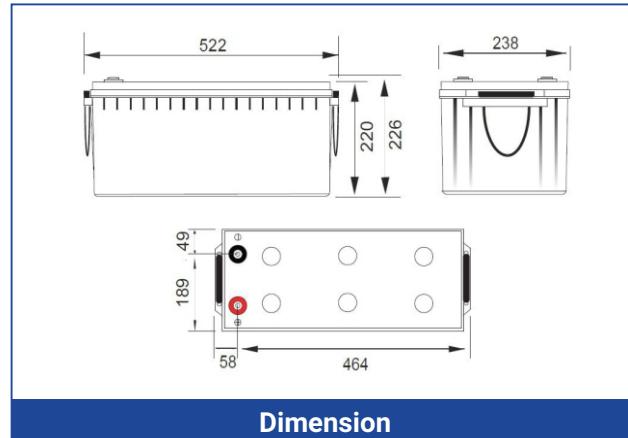
DEEP CYCLE batteries by **VOLT POLSKA** are superior deep cycle design with thick plates, high-density active materials and slightly stronger electrolyte, which can withstand repeated deep cyclic applications. **The general features are:** safety sealing, non-spillable constructio, high power density,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

Main technical data:

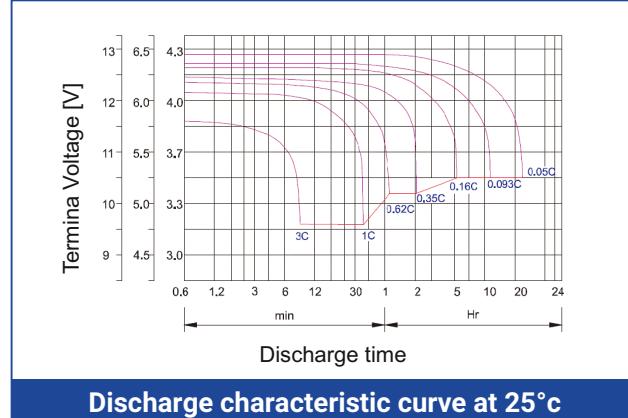
Nominal voltage	12V	
Rated capacity	220 Ah	
Dimension	total height	226 mm
	height	220 mm
	width	238 mm
	length	522 mm
Approx Weight	57kg (125.6lbs) +/- 3%	
Gross dimensions	53x25x27,7cm	
Gross weight	57,5kg	

Other specification:

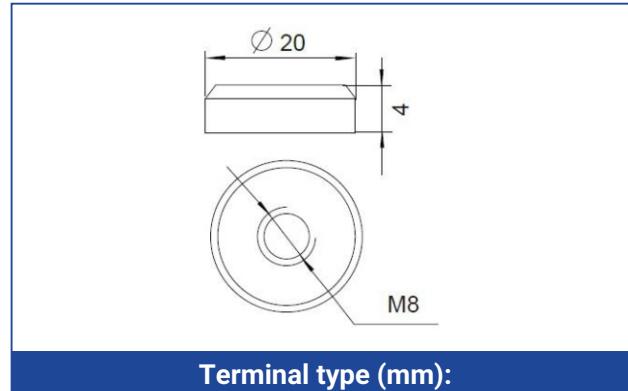
Capacity (at 25°C)	10h (10,8V)	220 Ah
	5h (10,5V)	160 Ah
	3h (10,2V)	150 Ah
	1h (9,6V)	120 Ah
Internal Resistance		~ 2,7mΩ
Capacity affected by temperature	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self discharge (at 25°C)	3 months	91%
	6 months	82%
	12 months	64%
Working temperature		25°C +/- 3°C
Working 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)	14,1 VDC	14,4 VDC
Max charging current	60 A	
Max discharge current	1400 A (5 s)	
Design life (25°C)	8-10 years	



Dimension



Discharge characteristic curve at 25°C



Terminal type (mm):