MAINTENANCE-FREE BATTERY GEL VRLA

VPRO PREMIUM 110Ah 12V

GEL VPRO PREMIUM batteries by VOLT POLSKA are designed with special separator and GEL deep cycle technology to give extra-durable cyclic performance at extreme temperature. The general features are: safety sealing, long life and low self-discharge design, non-spillable construction, high reliability and stability, sealed and maintenance-free, safety and quality certification. GEL VPRO PREMIUM batteries have 12 years design life at 25°C. They can be applied in emergency power system, communication equipment, telecommunication systems, marine equipment, uninterruptible power supplies, solar and wind power system.

Main technical data:

Nominal voltage		12 V	
Rated capcity		110 Ah	
Dimension	total height	218 mm	
	height	213 mm	
	width	173 mm	
	length	331 mm	
Approx Weight		28.6kg (63.05lbs) +/- 3%	

Other specification:

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Capacity (at 25°C)	10h (10,8V)	110 Ah
	5h (10,5V)	80 Ah
	3h (10,5V)	73,5 Ah
	1h (9,6V)	55 Ah
Internal R	~ 3,5 mΩ	
Congoity	40°C	102%
Capacity affected by temperature	25°C	100%
	0°C	85%
	-15°C	65%
Self discharge	3 months	91%
(at 25°C)	6 months	82%
	12 months	64%
Working te	25°C +- 3°C	
Working	Discharge	-15°C do 50°C
temperature	Charge	-10°C do 50°C
	Storage	-20°C do 50°C
Float Use (25°C)	13,5 VDC	13,8 VDC
Cycle Use (25°C)	14,4 VDC	14,7 VDC
Max charg	30 A	
Max discha	800A (5 s)	
Design li	12 years	











