

MAINTENANCE-FREE BATTERY VRLA AGM OPTI 45Ah 12V

INDEKS: 6AKUV045AG
EAN: 5903760240721

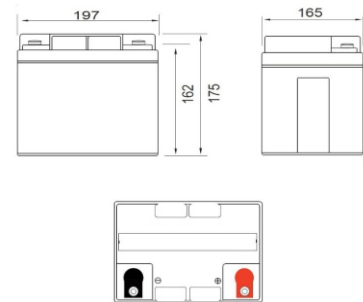
OPTI batteries by **VOLT Polska** are designed with **VRLA AGM (Absorbent Glass Mat)** technology, high performance plates and electrolyte to give extra power output for common power backup system. **The general features are:** heavy duty grid, non-spillable construction, mechanized assembly, high reliability and stability, sealed and maintenance-free, long life and low self-discharge design. **OPTI batteries** have 5-8 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:

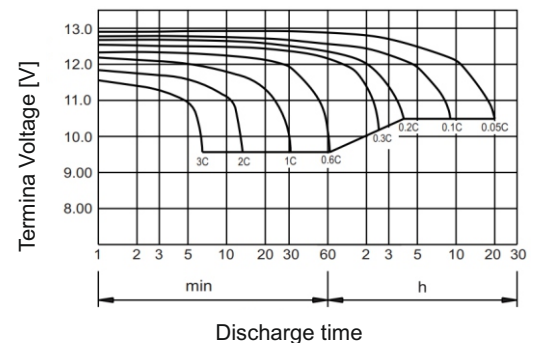
Nominal voltage	12 V	
Rated capacity	45 Ah	
Dimension	total height	175 mm
	height	175 mm
	width	165 mm
	length	197 mm
Approx Weight	11.8kg (26.0lbs) +/- 3%	
Gross dimensions	20,8x17,5x19,4cm	
Gross weight	21,1kg	

Other specification:

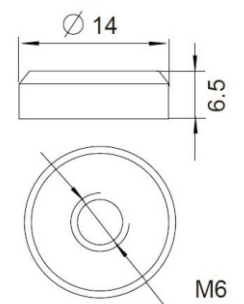
Capacity (at 25°C)	10h (10,8V)	45 Ah
	5h (10,5V)	32 Ah
	3h (10,8V)	28,5 Ah
	1h (9,6V)	24 Ah
Internal Resistance		~ 9mΩ
Capacity affected by temperature	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self discharge (at 25°C)	3 months	91%
	6 months	82%
	12 months	64%
Working temperature		25°C +/- 3°C
Working temperature	Discharge	-15°C do 50°C
	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 charging current		12 A
Max discharge current		400 A (5 s)
Design life (25°C)		5-8 years



Dimension



Discharge characteristic curve at 25°C



Terminal type (mm):