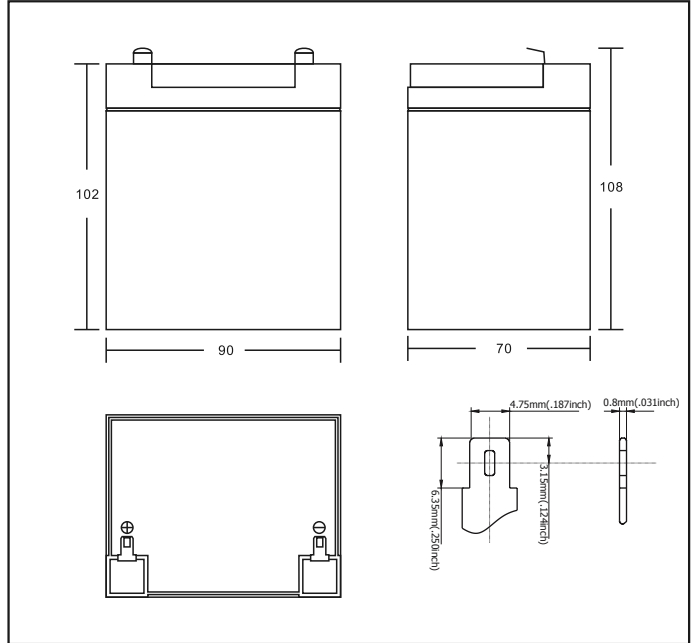


A brand of legrand®

Operating Temp. Range: Discharge : -15 – 50°C (5 120°F); Charge : 0 – 40°C (5 104°F); Storage: -15 - 40°C (5 104°F)



Designed Floating Life 5 Years



■ Specifications

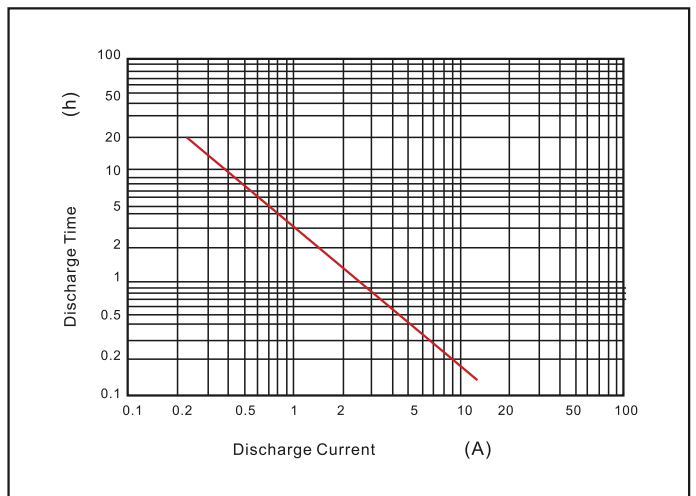
OT 4.5-12		
Nominal Voltage	12V	
Rated Capacity (20 hours rate)	4.5Ah	
Dimension (±2mm)	Total Height (with terminals)	108mm
	Length	90mm
	Width	70mm
	Height	102mm
Weight (Approx)	1.46Kg	

■ Characteristics

Capacity	20 hours rate (0.225A)	4.5Ah
Discharge Current Testing (25°C)	20 I <sub>20</sub> rate (4.5A, 27min)	30min
	60 I <sub>20</sub> rate (13.5A, 7min)	7min
Internal Resistance	Full Charged Battery 25°C	42mΩ
Capacity Affected By Temperature (20 hours rate)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	62%
Residual Capacity (25°C)	Capacity After 3 Months Storage	91%
	Capacity After 6 Months Storage	82%
	Capacity After 12 Months Storage	64%
Cycle (Above 300 Time)	Discharge 2hrs at 1.125A Current Charge 6hrs at 0.45A Current (25°C)	
Charge (Constant Voltage)	Cycle (25°C)	Initial Charging Current Less Than 1.35A; Voltage 14.5~14.9V
	Float (25°C)	Charge Voltage 13.6~13.8V

★ The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

■ Discharge Current & Duration Time



■ Discharge Current 25°C

