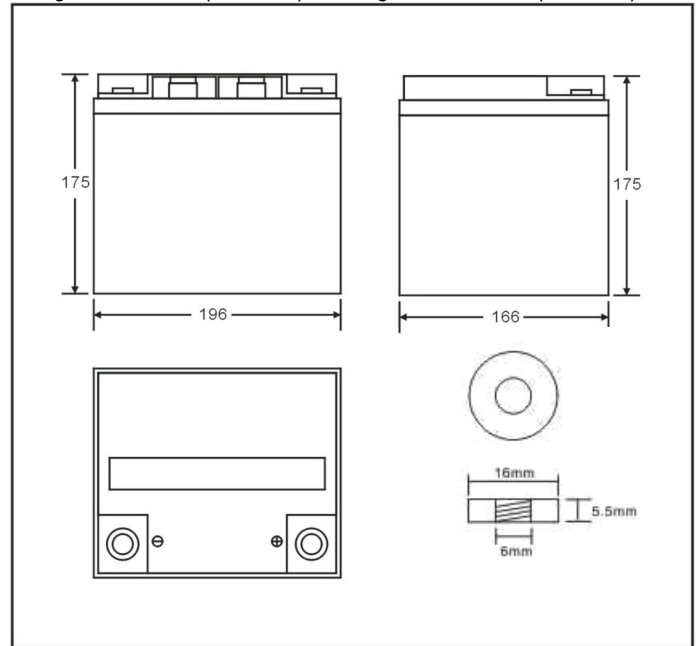


A brand of **legrand**

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

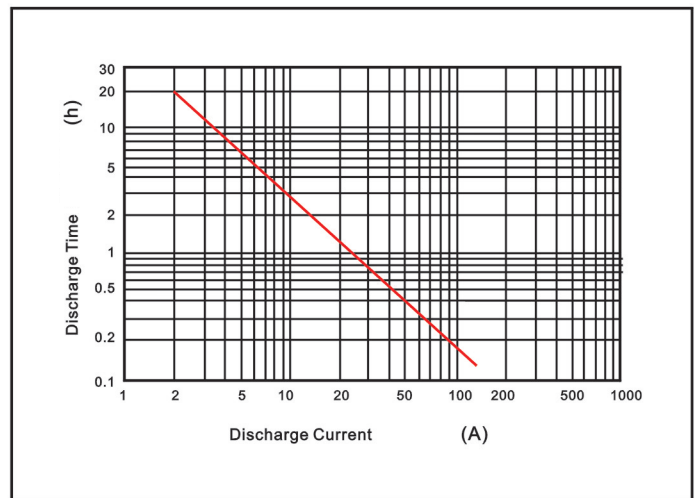
OT 40-12		
Nominal Voltage	12V	
Rated Capacity (20 hours rate)	40Ah	
Dimension (±2mm)	Total Height (with terminals)	184mm
	Length	196mm
	Width	166mm
	Height	176mm
Weight (Approx)	13.05Kg	

Characteristics

Capacity (25°C)	20 hours rate (2.0A)	40.0Ah
Discharge Current Testing (25°C)	20 I ₂₀ rate 1 (40A, 27min)	32min
	60 I ₂₀ rate 3 (120A, 7min)	7.5min
Internal Resistance	Full Charged Battery 25°C	8mΩ
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 10.0A Current Charge 6hrs at 4.0A Current (25°C)	
Charge (Constant Voltage)	Cycle (25°C)	Initial Charging Current Less Than 12.0A; 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

