

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

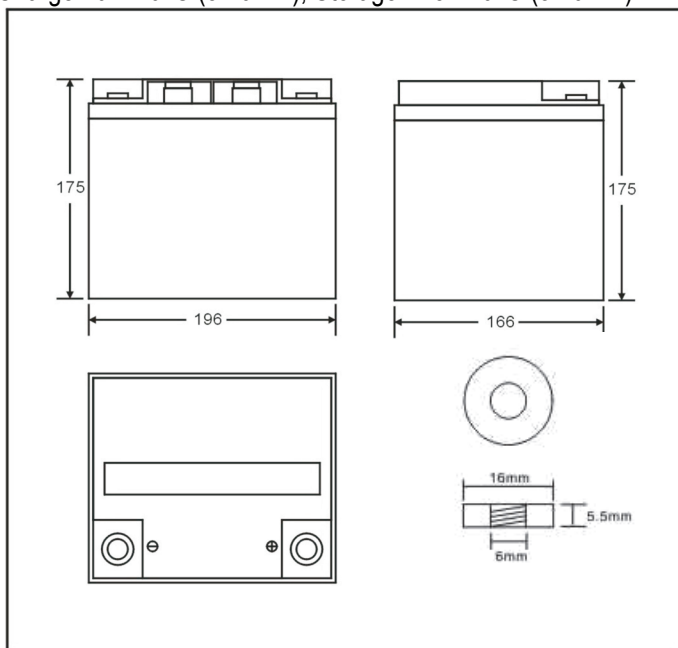
Specifications

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

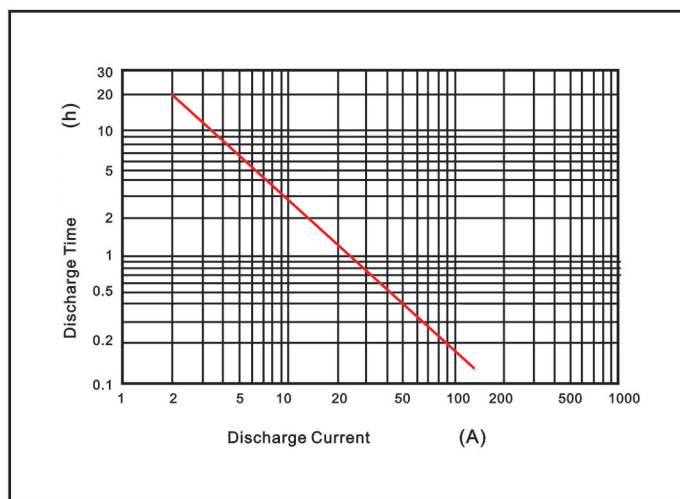
Characteristics

Capacity (25°C)		20 hours rate (2.0A)	40.0Ah
Discharge Current Testing (25°C)		20 I ₂₀ rate 1 (40A, 27min) 60 I ₂₀ rate 3 (120A, 7min)	32min 7.5min
Internal Rasistance		Full Charged Battery 25°C	8mΩ
Capacity Affected By Temperature (20 hours rate)		40°C 25°C 0°C -15°C	102% 100% 85% 62%
Residual Capacity (25°C)		Capacity After 3 Months Storage Capacity After 6 Months Storage Capacity After 12 Months Storage	91% 82% 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

