

This Datasheet applies for the following products:

200224 Battery Cell LTO 2,4V 40Ah – M12

200242 Battery Cell LTO 2,4V 40Ah – Weldable

1. Specifications

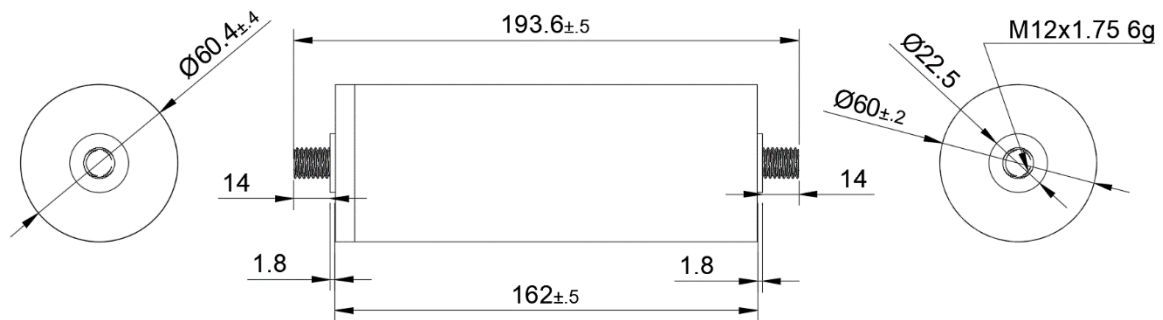
Property	Value
Weight	≤ 1100g
Nominal Capacity	40Ah @ 1C (40A)
Nominal Voltage	2.4V
Nominal Energy	96Wh
Energy Density	87.3 Wh/kg
Resistance	≤0.5mΩ(AC, 1000Hz)
Cycle life(80% DOD)	≥ 10.000 cycles
Charging cut-off voltage	2.8V
Discharging cut-off voltage	1.5V
Standard charging current	1C(40A)
Standard discharging current	1C(40A)
Max. constant charging current	4C(160A)
Max. constant discharging current	8C(320A)
Max. charging current	12C(480A)
Max. discharging current	20C(800A)
Temperature range for storage	Less than one year: -10~25°C Less than three months: -30~45°C
Temperature range for operation	Charging temperature: -40~60°C Discharging Temperature: -50~60°C



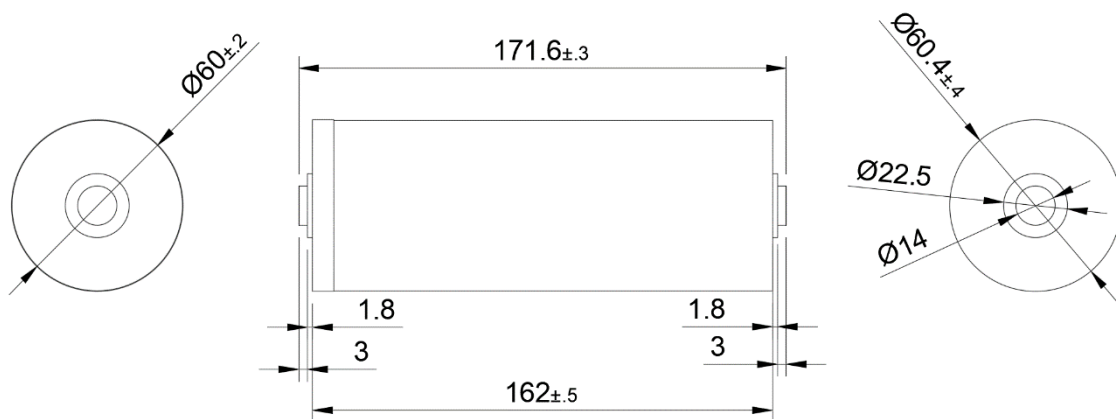
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2. Dimensions

2.1. M12 connection



2.2. Weldable connection



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