

This Datasheet applies for the following products:

200237 Battery Cell LTO 2,3V 35Ah PRO - M12

200238 Battery Cell LTO 2,3V 35Ah PRO - Weldable

1. Specifications

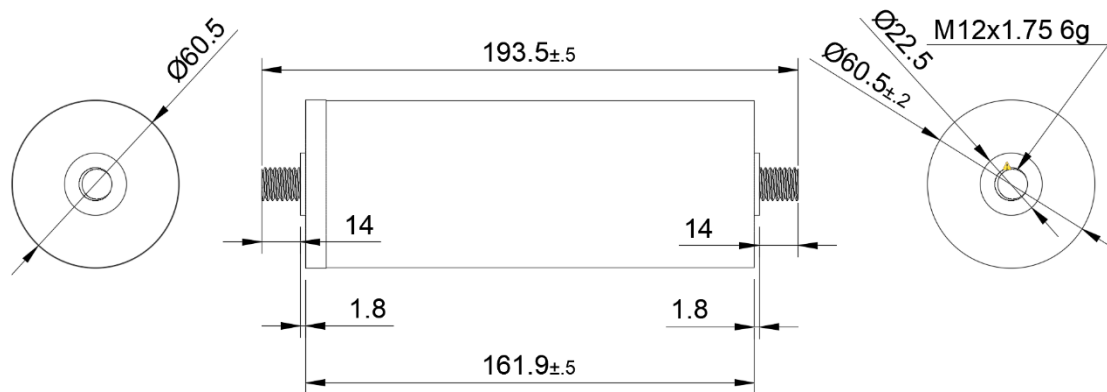
Property	Value
Weight	≤ 1060g
Nominal Capacity	35Ah @ 1C (35A)
Nominal Voltage	2.3V
Nominal Energy	80.5Wh
Energy Density	76 Wh/kg
Resistance	≤0.3mΩ(AC, 1000Hz)
Cycle life(80% DOD)	≥ 30.000 cycles
Charging cut-off voltage	2.7V
Discharging cut-off voltage	1.5V
Standard charging current	1C(35A)
Standard discharging current	1C(35A)
Max. constant charging current	6C(210A)
Max. constant discharging current	6C(210A)
Max. charging current	20C(700A)
Max. discharging current	30C(1050A)
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



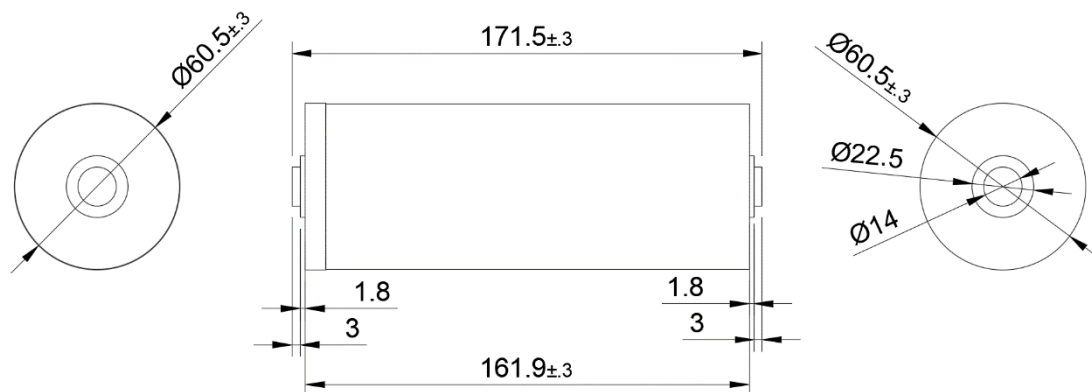
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2. Dimensions

2.1. M12 connection



2.2. Weldable connection



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