

Rechargeable Lithium-ion Battery Specification Approval

Customer P/N : _____**Product Model:** **21700-6S1P****Nominal capacity:** **5000mAh****Product Type:** **Lithium-ion****Effective date :** **2025-08-06**

Prepared by	Checked by	Approved by
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1. Scope

The specification shall be applied to Lithium-ion rechargeable cells which is manufactured by Dongguan LanDazzle Technology Co., Ltd.

2.Reference standard

GB 31241-2022、IEC/EN61960、UL1642。

3.Product basic information

Items	Parameter	
Battery model	21700-6S1P	
current voltage	21.6V	
Typical capacity	5000mAh	0.2C discharge
Minimum capacity	4800mAh	0.2C discharge
Fully charge voltage(FC)	25.2V	
Fully discharge voltage(FD)	15.0V	
Standard charge current	2.5A	
Max charge current	10A	
Standard discharge current	1A	
Maximum continuous discharge current	125A	
pulse discharge	180A (2S)	
Weight	Appr: 470g	
Shipment voltage	$\geq 20.4V$	
Battery pack impedance	$\leq 35m\Omega$	
Operating temperature	Charging: 0°C ~ 45°C	
	Discharging: -20°C ~60°C	
Storage temperature	-20~25°C	Less than12 months
	-20~45°C	Less than 3 months
	20±5°C is the recommended storage temperature	
Visual Inspection	There should not be any remarkable scratches, cracks, bolts, cauterization, deformations, swelling , leakage and so on on the surface of the battery.	

4. Battery Outline Drawing

