

1. Scope

The specification shall be applied to Lithium-ion rechargeable battery 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 | 21700-6S2P | |
| current voltage | 21.6V | |
| Typical capacity | 10000mAh | 0.2C discharge |
| Minimum capacity | 9600mAh | 0.2C discharge |
| Fully charge voltage(FC) | 25.2V | |
| Fully discharge voltage(FD) | 15.0V | |
| Standard charge current | 5A | |
| Max charge current | 20A | |
| Standard discharge current | 5A | |
| Max discharge current | 250A | |
| Weight | Appr: 900g | |
| Shipment voltage | $\geq 20.4V$ | |
| Battery pack impedance | $\leq 25m\Omega$ | |
| 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

