

Parameters of Lithium Polymer Battery

Items	Parameter	
Battery model	GEB603040	
Nominal voltage	3.7V	
Minimum capacity	650mAh(0.2C discharge)	
Charging voltage	4.2V	
Discharging cut-off voltage	3.0V	
Standard charging	0.2C /4.2V	
Max charging	1.0C /4.2V	
Standard discharging	0.2C/3.0V	
Max discharging	continuous discharge	1.0C/3.0V
	non-continuous discharge	2.0C/3.0V
Shipment voltage	≥3.85V	
Operating temperature	Charging: 0°C ~ 45°C	
	Discharging: -20°C ~60°C	
Storage (At 50% SOC and specified temp, recoverable capacity in % vs time)	-10°C~25°C	(12 months ≥85%)
	-10°C ~45°C	(6 months ≥85%)
	-10°C~55°C	(1 month ≥90%)
	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 the surface of the cell.	
Reference standard	GB/T 18287-2013,IEC/EN61960, UL1642	