

Lithium-Ion Polymer Rechargeable Battery Specifications

1 Scope

This specification applicable to Lithium-Ion Polymer Rechargeable Battery.

2 Product Categories and Model Name

2.1 Product Category

Lithium Ion Polymer Rechargeable Battery

2.2 Customer's parts name

2.3 Sony parts name

2.4 Cell type

US454261A8T

3 Rating

Item	Rating	Note
3.1 Nominal Capacity	1590mAh	Discharge:0.2C(306mA) cut off Voltage :3.0Vfor cell
3.2 Minimum Capacity	1530mAh	Discharge:0.2C(306mA) cut off Voltage :3.0Vfor cell
3.3 Cut Off Voltage	3.0V	
3.4 Nominal Voltage	3.7V	
3.5 Charge Current	1530mA	
3.6 Charge Voltage	4.2V	
3.7 Maximum Charge Voltage	4.25V	
3.8 Charge Time	Approx 2.5h	Charge Current: 1530mA
3.9 Maximum Charge Current	2290mA	
3.10 Maximum Discharge Current	3060mA	
3.11 Weight	27.8g or less	
3.12 Operating Temperature and Humidity Range	Charge	0 ~45°C, 85%RH Max
	Discharge	-10~60°C,85%RH Max
3.13 Storage Temperature	-10 ~45°C	at the shipment state
3.14 Recommended Storage Temperature	20°C	at the shipment state