



KLARUS LIGHTING TECHNOLOGY CO., LIMITED

Specification Sheet

(Confidential)

Product Name: 700MAH 16340 Battery

Specifications: 700MAH\3.7V\
YN-LR16320\Youneng

Version: A0

Date: 2016/07/14

Made By	Checked By	Approved By

16340 700MAH Li-Ion Rechargeable Battery Specification

Sheet

Specifications

Cell Model No.		RIC16320-650
Nominal Voltage:		3.7V
Nominal Capacity:		700mAh
Nominal Power:		2.59Wh
Charging	Mode	CC/CV (Constant Current/Constant Voltage)
	Charging Voltage	4.200±0.05V
	Standard Charging Current	140mA
	Max Charging Current	700mA
	Total Charging Time	Standard Charging Time: Max 5.5h (Ref.)
Quick Charging Time: Max 1.5h (Ref.)		
Discharging	Max Discharging Current	2A(Pulse)
	Cut-off Voltage	2.5±0.1V
Charging and discharge Cycle Time	300 times	
Product Size	Diameter	≤16.6±0.2mm
	Height	34.8±0.3mm
Internal Resistance		<110mΩ (AC resistance 1KHz)
Static Consumption Current		0.46 UA (MAX)
Weight		About 20g
Working Temperature	Charging	0°C~45°C
	Discharging	-10°C~60°C
Storage Temperature		-10°C~45°C (1month) -10°C~40°C (6months) -10°C~35°C (1 year)
Relative Humidity		0~90%RH(non-condensing)

Note: *1 Unless otherwise stated, above test are proceed in the following condition:

Temperature: 20±2.5°C, Relative Humidity: 65±20%RH, atmospheric pressure: 86kPa~106kPa