



7.2V

5.8Ah

Lilon

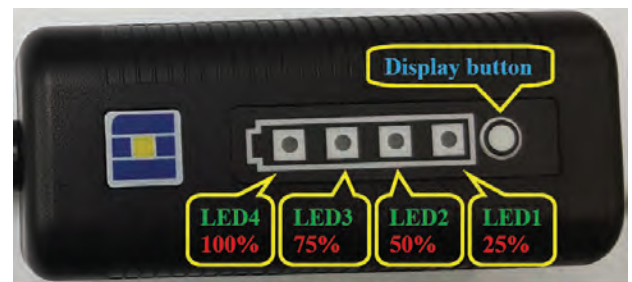
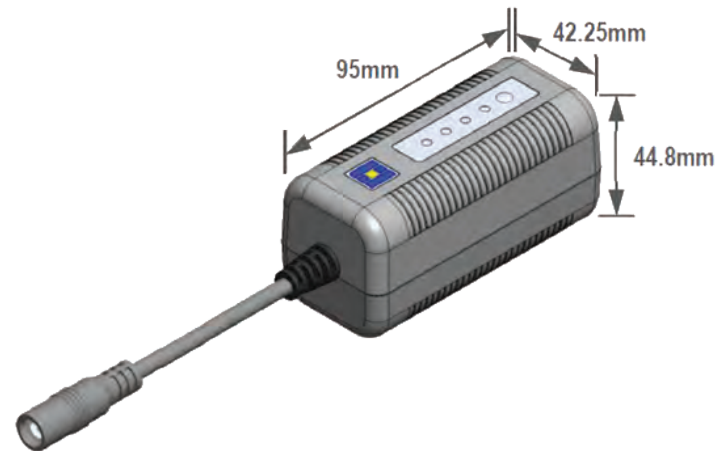
41.7Wh

SPECIFICATIONS

Model No.	LIBM-BLX402
Nominal Voltage	7.2V
Nominal Capacity	5.5Ah 5.8Ah
Watt-hour Rating	41.76Wh
Chemistry	Lithium Ion (Lilon)
Cell	Panasonic NCR18650PF
Configuration	2S2P
Max Cont. Discharge Current	<5A
Max Charge Current	1.6A
Max Charging Voltage	8.3V
Internal Resistance	<100mΩ
Indicator	LEDs
Connector	
Charge	DC Jack
Discharge	(5.5*2.1mm) 2-pin
Dimensions	
Length	95mm
Width	42.25mm
Height	44.8mm
Weight	<250g
Operating Temperature	
Charge Mode	10°C ~ 45°C
Discharge Mode	-20°C ~ 60°C
Communication	N/A
PCM	2S-16A
Over Charge Voltage Threshold	4.25V±0.03V/cell
Over Charge Voltage Release	4.10V±0.05V/cell
Over Discharge Voltage Threshold	2.80V±0.07V/cell
Over Discharge Voltage Release	3.00V±0.07V/cell
Over Discharge Current Protection	5A (Thermal Fuse)
Short Circuit Protection	OUT(+),(-) Open Loop
Balance Function	Yes
Housing	Plastic case (Sabic 6600)
Certification	UN 38.3/Rev.5



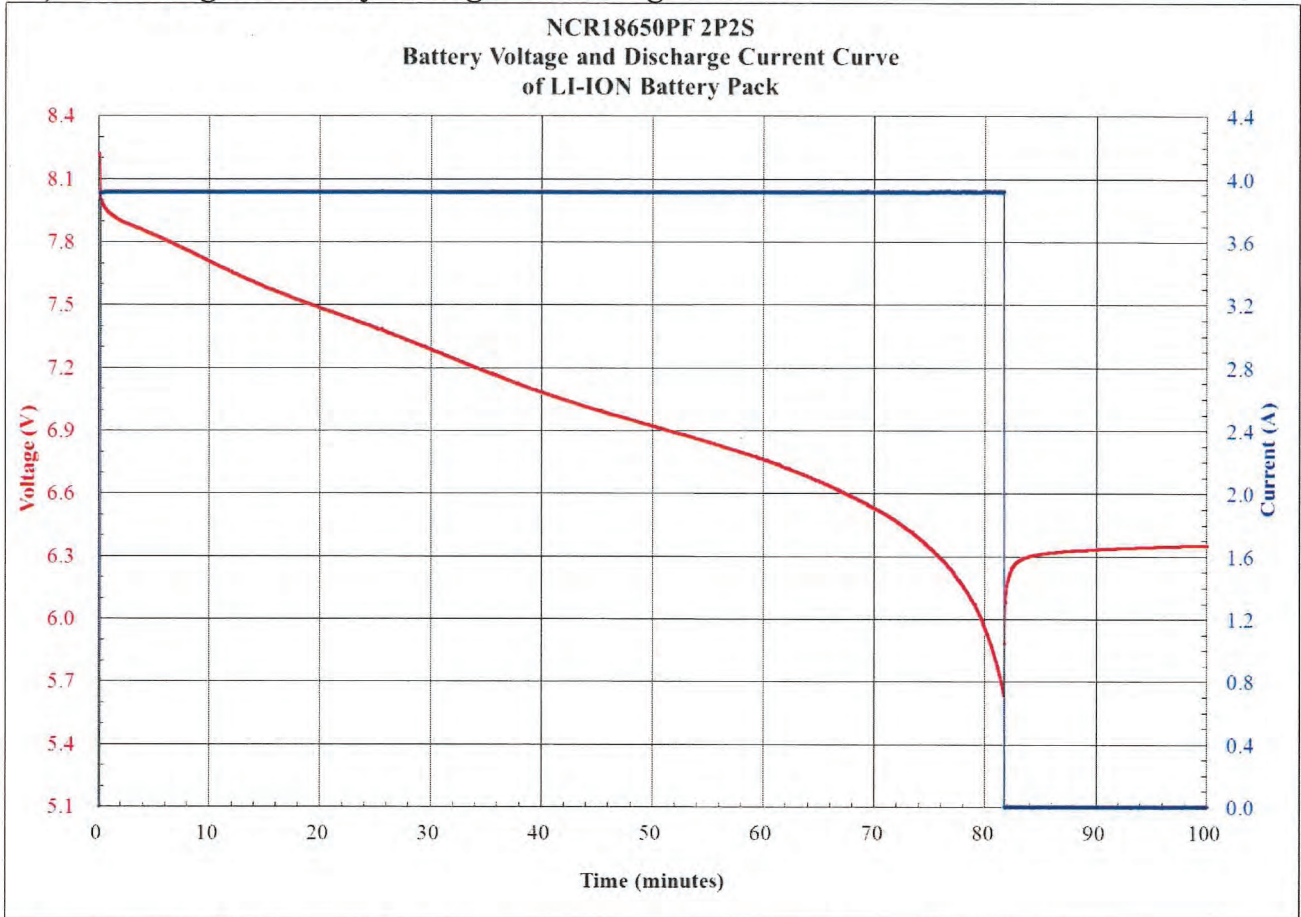
DIAGRAM



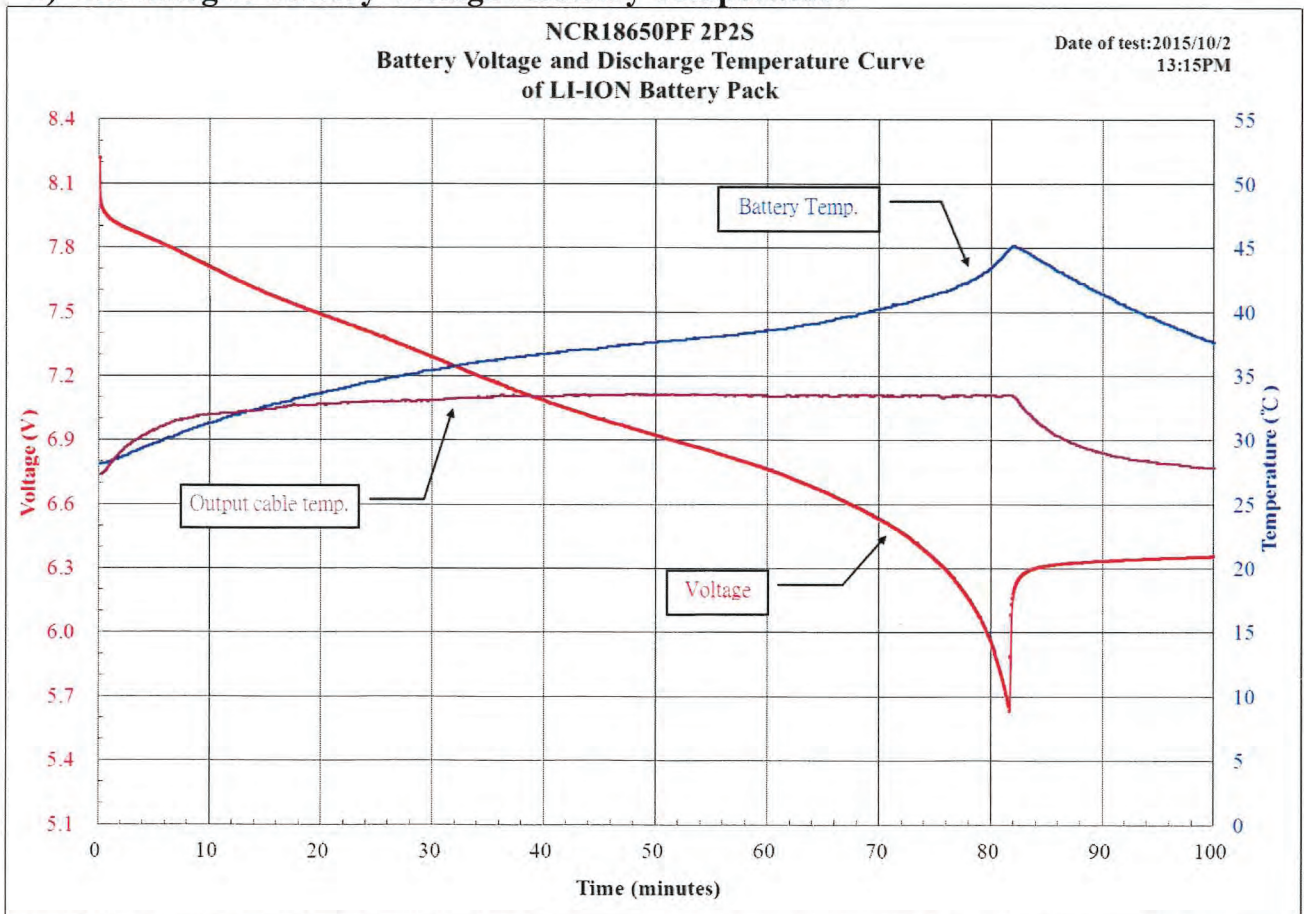
*When the capacity is lower than 10%, LED1 will flash.



3) Discharge : Battery Voltage / Discharge Current

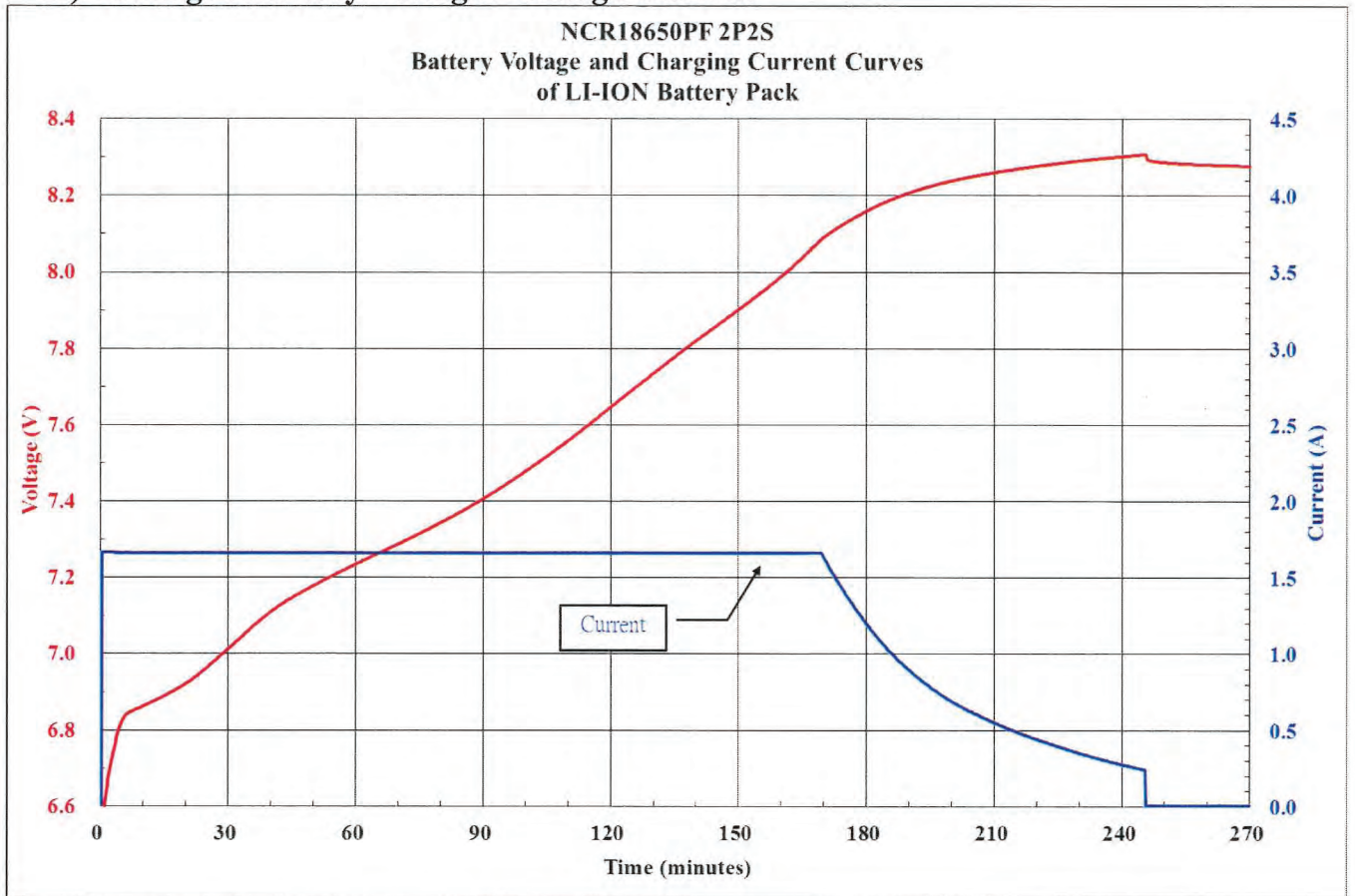


4) Discharge : Battery Voltage / Battery Temperature



5. Performance Curve

1) Charge : Battery Voltage / Charge Current



2) Charge : Battery Voltage / Battery Temperature

