

Datasheet

Li-Ion Battery Pack H2B179.1

- 1S2P-Configuration
- Vnom 3.6V, 6666 mAh
- Integrated protection circuit
- Premium quality Sanyo cell NCR18650B
- Shrink foil
- No memory effect

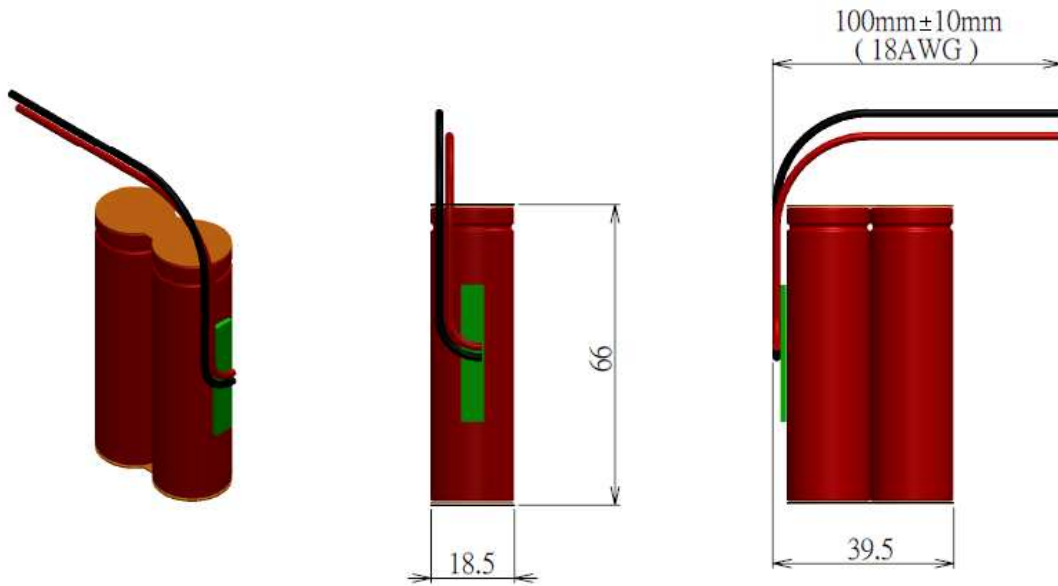


Revision	Description of Change	Change Date
01	Original release	21 th Dec 2017

Specification:

General		
Configuration	1S2P	
Nominal voltage	3.6 V	
Nominal capacity (UNT38.3)	6666 mAh	
Watt-hour rating (UNT38.3)	24 Wh	
Standard charging	4.2 V, 1.6 A, 25°C (Constant voltage, constant current)	
Standard discharging	<3 A (Constant current, 2.3 V end, 25°C)	
Cell		
Type	Panasonic NCR18650B	
Capacity nom. (UNT38.3)	3333 mAh	
Safety protection board		
Cut off voltage	4.28 +/- 0.025 V	
Over charge release	4.08 +/- 0.025 V	
End of discharge voltage	2.8 +/- 0.050 V	
Over discharge release	2.8 +/- 0.050 V	
Over current detection	4.05 +/- 0.085 A	
Over discharge delay time	144 +/- 29 ms	
Environmental		
Operating temperature range (Temperature of Battery Pack)	Standard charging	0..40°C
	Standard discharging	-20..60°C
Storage condition for Battery Pack after fully charge (Percentage of recoverable capacity 80%)	Less than 1 month	-20..50°C
	Less than 3 month	-20..40°C
	Less than 1 year	-20..20°C
Humidity	45..85%	
Physical		
Dimensions:		
Length	66 mm	
Width	39.5 mm	
Hight	18.5 mm	
Weight	99 g	
Certification		
Transport	UNT38.3	
CE	IEC 62133 2 nd Edition, CE 60601	

Dimensions/Drawing:



Connector:

Cable (18AWG), length 100 ± 10mm

Picture:

