

# 2s1p Soft Pack Li-ion Battery



## Specifications

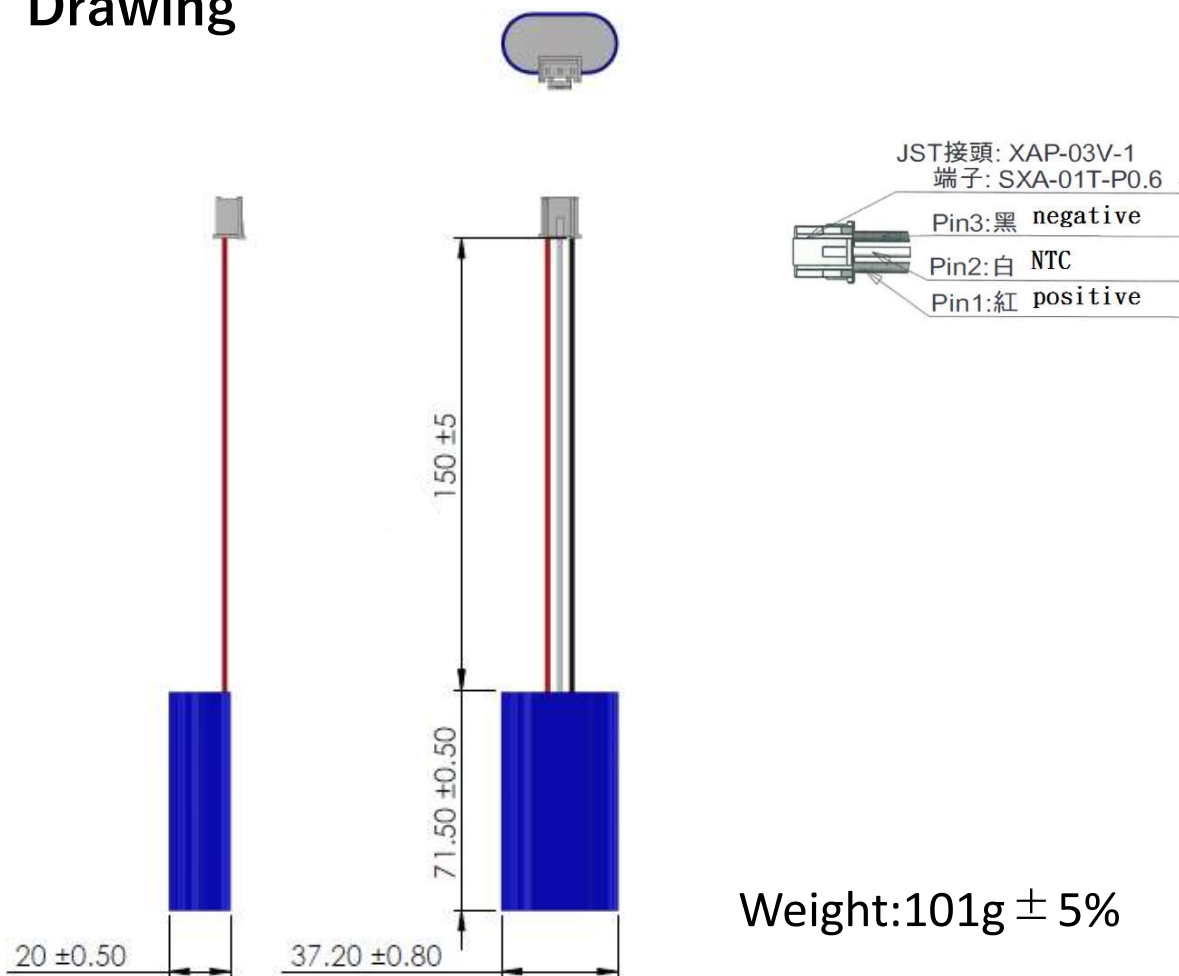
<u>Model</u>	: 7021S21C335A
<u>Cell</u>	: NCR18650BF (Panasonic)
<u>Spec.</u>	: 7.2V 3.2Ah 24Wh(Rated)
<u>Discharge</u>	: cont.3A / peak. 6A/16ms
<u>Size</u>	: 71.5 x 37.2 x 20mm 101g

# Specifications

Item	Descriptions	Specification		Remark
1	Model Number	7021S21C335A		
2	Cell	NCR18650BF		Panasonic
2.1	Cell Nominal Voltage	3.6V		
2.2	Cell Rated Capacity	3.2Ah		
2.3	Cell Watt-Hour	12Wh		Cell UN report.
3	Pack Configuration	2S1P		
3.1	Pack Nominal Voltage	7.2V		
3.2	Pack Rated Capacity	3.2Ah		
3.3	Pack Watt-Hour	24Wh		Cell UN report.
4	PCM Mode			
5	Use of Battery Pack			
5.1	Maximum Charging Voltage	Standard:	8.4V	Recommend: ≤ 8.3V
		Charger:	NA	
5.2	Terminal equipment Recommended discharging end voltage	6V		
5.3	Discharging End Voltage	5.0V		Limited by device
6.1	Pack Usable Capacity	3.2Ah		From testing data
6.2	Pack Usable Watt-Hour	23W		3.2*7.2
7.1	Maximum Charging Current	1.625A (10~45°C) 0.813A(0~10°C)		
7.2	Maximum Charging Current	1.625A		
7.3	Charging cut-off current	64mA		
8	Continuous Discharge Current	3A		
9	Maximum Instant Discharging Current	6A/16mS		Recommend: <5.9A/10ms (Protect: 6.81 ± 0.9A 10ms)
10	Pack Internal Resistance	≤ 150mΩ		
11	Internal Current Consumption	Idle mode	Within 20uA	
		Sleep mode	NA	
12	Output Connector	JST:XAP-03V-1		NTC: 10KΩ ± 1% 3435K ± 1%
		Pin	Definition	
		1	P+	
		2	NTC	
		3	P-	
13	Communication Interface	NA		

Item	Descriptions	Specification	Remark
16	Operating Temperature	Charge 0°C~+45°C	
		Discharge -20°C~+60°C	
17	Humidity	30%~80%RH	
18	Storage Conditions	Less than 1 month	-20~+50°C
		Less than 3 months	-20~+40°C
		Less than 1 year	-20~+20°C
19	Certifications	UN38.3	

## Drawing



本製品は、お客様の機器への組み込み用です。  
 充電回路は、お客様機器側でご用意願います。