



\*illustration similar

# 1S1P H2B178 Battery Pack

- 1S1P Li-Ion Battery pack
- 3.7V nominal voltage
- 7.1Wh capacity
- <2A discharge
- Shrink Foil

## 1S1P H2B178 Battery Pack

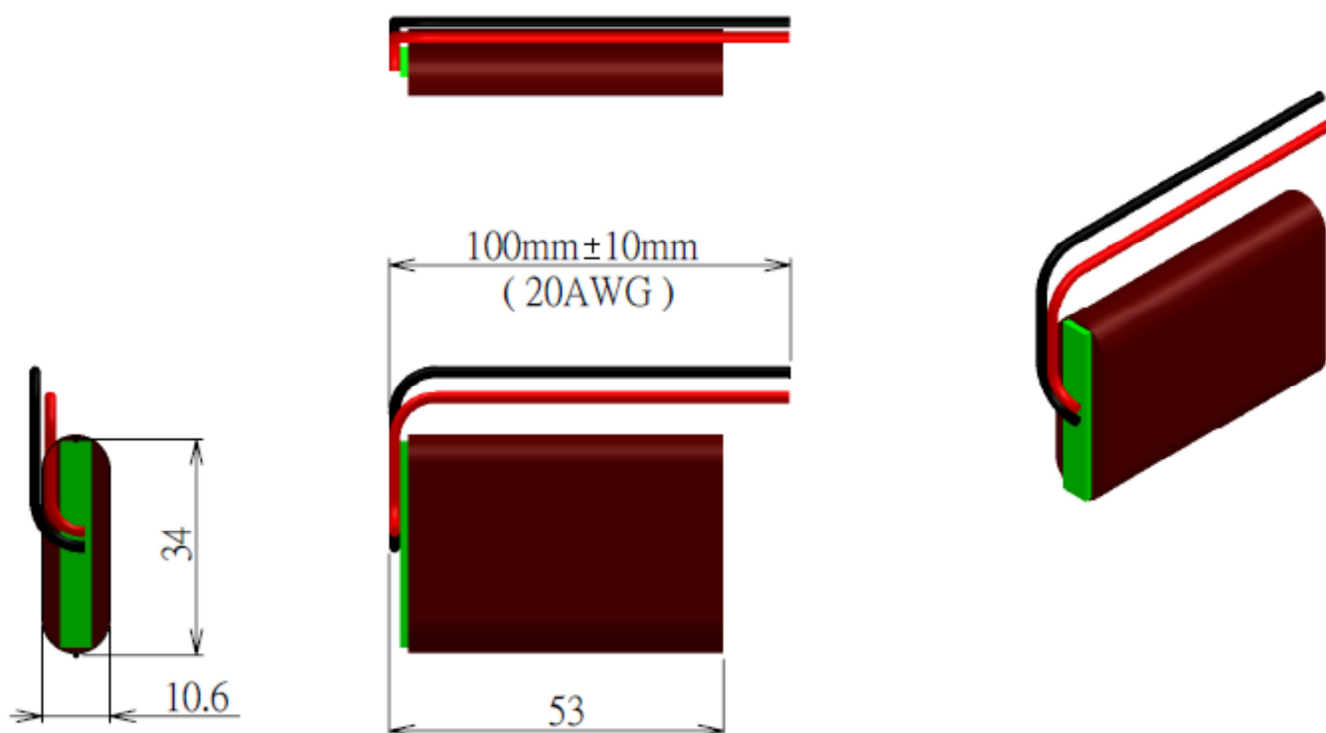
# Specifications

Item	Descriptions	Specifications		Remark
1	Model Number	H2B178		
2	Cell	Sanyo UF103450P		
3	Configuration	1S1P		
4	Nominal Voltage	3.7V		3.7V*1S
5	Nominal Capacity	1.88Ah		1.88Ah*1P
6	Watt-Hour (UN38.3)	7.1Wh		Calculated: 6.96Wh (V * Ah)
7	Recommended operation Temperature	Standard Charge Standard Discharge	0°C ... +40°C -20°C ... +60° C	
8	Storage condition	< one month < three months < one year	-20°C ... +50°C -20°C ... +40°C -20°C ... +20°C	Percentage of recoverable capacity 80%
9	Humidity	45 ... 85%		
10	Charging Voltage (Maximum)	4.2V		
11	Charge Current	<1.316A		
12	Discharge Current avg.	<1.88A		
13	BMS Design	(1) Over voltage protection (2) Under voltage protection (3) Over charge current protection (4) Over discharge current protection (5) Short circuit protection		(1) 4280 ±25mV (2) 2300 ±25mV (3) 4900 mA (4) yes (5) yes
14	Connection type and pin definition	2 wires, length of 100mm ±10mm (Red P+ / Black P- / UL1007, 20AWG)		
15	Enclosure	Heat shrink		
16	Weight (g)	50g ±5g		
17	Dimension(mm)	L53 * W34 * H10.6 (mm)		
18	IP standard	IP20		
19	Certifications	UN38.3		

## 1S1P H2B178 Battery Pack

# Mechanical

### Drawing



## 1S1P H2B178 Battery Pack

## Photos

(\*illustration similar)



## Accessories

Item	Part number	Remark
Charger	TBD	On request

## 1S1P H2B178 Battery Pack

# Contact

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### HY-LINE AG

HY-LINE AG belongs to the HY-LINE group, a group of specialized distributors.

HY-LINE AG is a specialist in batteries and systems. In addition to standard batteries and charging and maintenance systems, the focus is on the development and design of custom-specific batteries and systems.

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Energy\_Datasheet\_H2B178\_1S1P | January 2021  
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