



\*illustration similar

## 4S3P H2B182-B Battery Pack

- 4S3P Li-Ion Battery pack
- 14.4V nominal voltage
- 6.5Ah nominal capacity, 93.6Wh (UN38.3)
- Sanyo premium quality cell UR18650A
- High storage performance
- Shrink Foil

**4S3P H2B182-B Battery Pack**

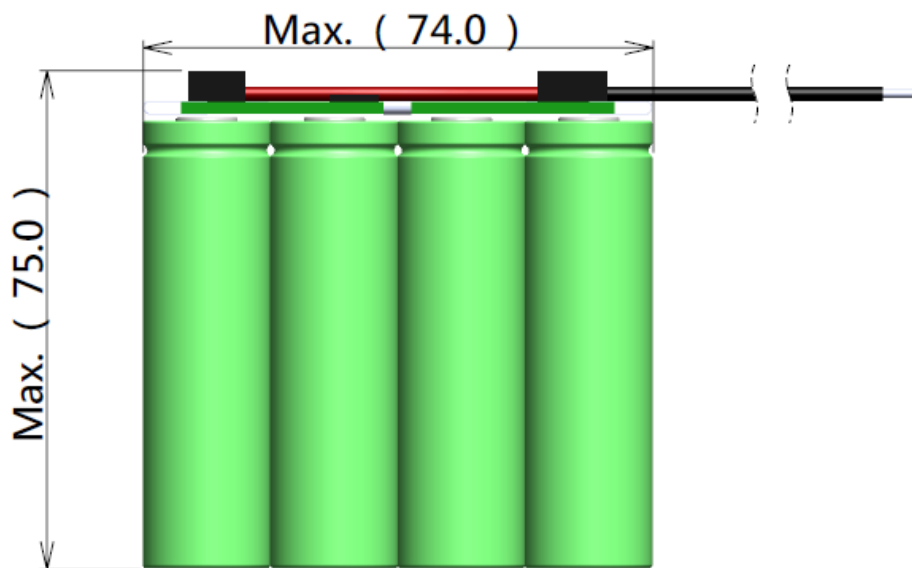
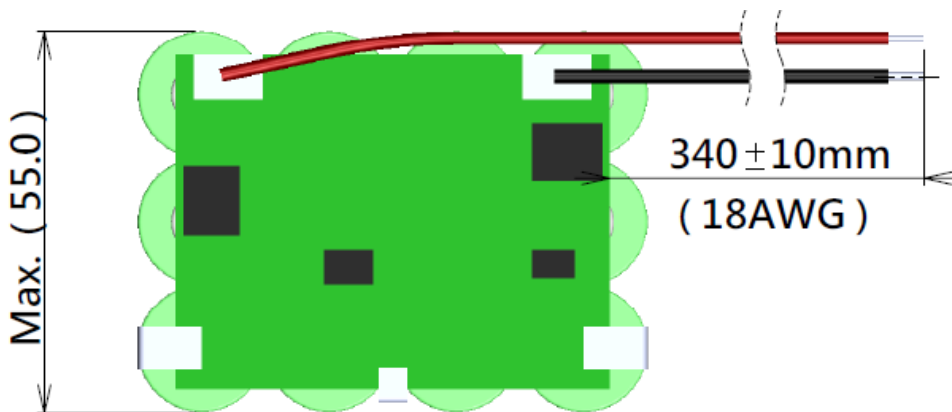
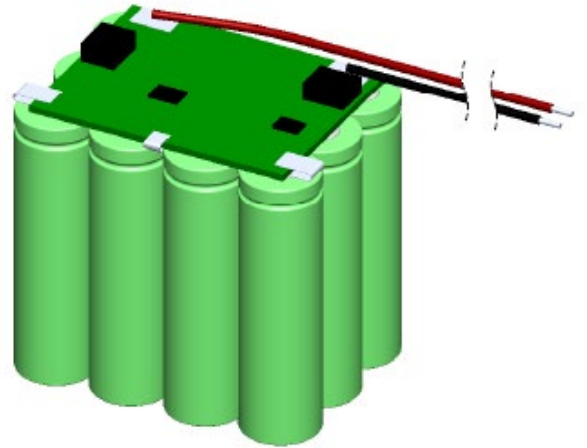
# Specifications

Item	Descriptions	Specifications	Remark
1	Model Number	H2B182-B	
2	Cell	Sanyo UR18650A	
3	Configuration	4S3P	
4	Nominal Voltage	14.4V	3.6V*4S
5	Nominal Capacity	6.5Ah	2.170Ah*3P
6	Watt-Hour (UN38.3)	93.6Wh	Calculated: 93.6Wh (V * Ah)
7	Internal Resistance	<150mΩ	Measure from output terminal of battery pack
8	Recommended operation Temperature	Standard Charge Standard Discharge	0°C ... +45°C -20°C ... +60°C
9	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%
10	Humidity	45 ... 85%	
11	Charging Voltage (Maximum)	16.8V	
12	Charge Current	<1.29A	
13	Discharge Current	<7.5A	
14	BMS Design	(1) Cut off voltage (2) End of discharge voltage (3) Over charge current detection (4) Over discharge current detection (5) IR	(1) 17.2V (2) 9.6V (3) 4.0A (4) 16.7A (5) <150mΩ
15	Connection type and pin definition	2 wires, length of 340mm ±10mm (Red P+ / Black P- / UL1007, 18AWG)	
16	Enclosure	Heat shrink	
17	Weight (g)	550g ±5	
18	Dimension(mm)	L73 * W55 * H76	
19	IP standard	IP20	
20	Certifications	UN38.3 5 <sup>th</sup> Rev. CE	

## 4S3P H2B182-B Battery Pack

# Mechanical

Drawing



## 4S3P H2B182-B Battery Pack

# Photos

(\*illustration similar)



# Accessories

Item	Part number	Remark
Charger	TBD	On request

## 4S3P H2B182-B 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\_H2B182-B\_4S3P | April 2022  
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