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bnc power splitter

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20A

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DALY BMS NTC Temp 3S 6S 12S 14S 15S 16S 17S 20S 24S 27S 12V 24V 36V 48V 60V 72V 96V LiFePO4 Lithium Li ion 20A~250A Balanced PCM

★★★★★ 4.9 17 Reviews | 109 sold

Current: Lithium Li-ion 6S



Lithium Li-ion 3S Lithium Li-ion 6S Lithium Li-ion 12S
 LiFePO4 12S Lithium Li-ion 14S LiFePO4 15S
 Lithium Li-ion 16S Lithium Li-ion 17S Lithium Li-ion 20S
 LiFePO4 20S Lithium Li-ion 21S Lithium Li-ion 24S
 LiFePO4 24S Lithium Li-ion 27S

Color: 20A Common port NTC



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DALY Lithium Battery ...

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DALYBMS18650 NTC ...

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Split Separate Port D...

★★★★★ 53 sold

R\$63,69

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Built-In Bluetooth Sm...

★★★★★ 282 sold

R\$46,24 R\$46,24

Choice Free shipping

over R\$99



Li-ion And LiFePO4 B...

★★★★★ 420 sold

R\$64,37

Free shipping

[Description](#) [Specifications](#) [Customer Reviews \(17\)](#) [You may also like](#)

Description

Report Item

DALY BMS NTC Temp 3S 6S 12S 14S 15S 16S 17S 20S 24S 27S 12V 24V 36V 48V 60V 72V 96V
 LiFePO4 Lithium Li ion 20A~250A Balanced PCM

Model: This link BMS all have NTC Temperature Sensor Protection, Waterproof function and Balance function
 common Version : charging and discharging are using same wire/port, BMS have B-,P-;
 separate Version : charging and discharging are using different wires/port, BMS have B-, P- and C-.

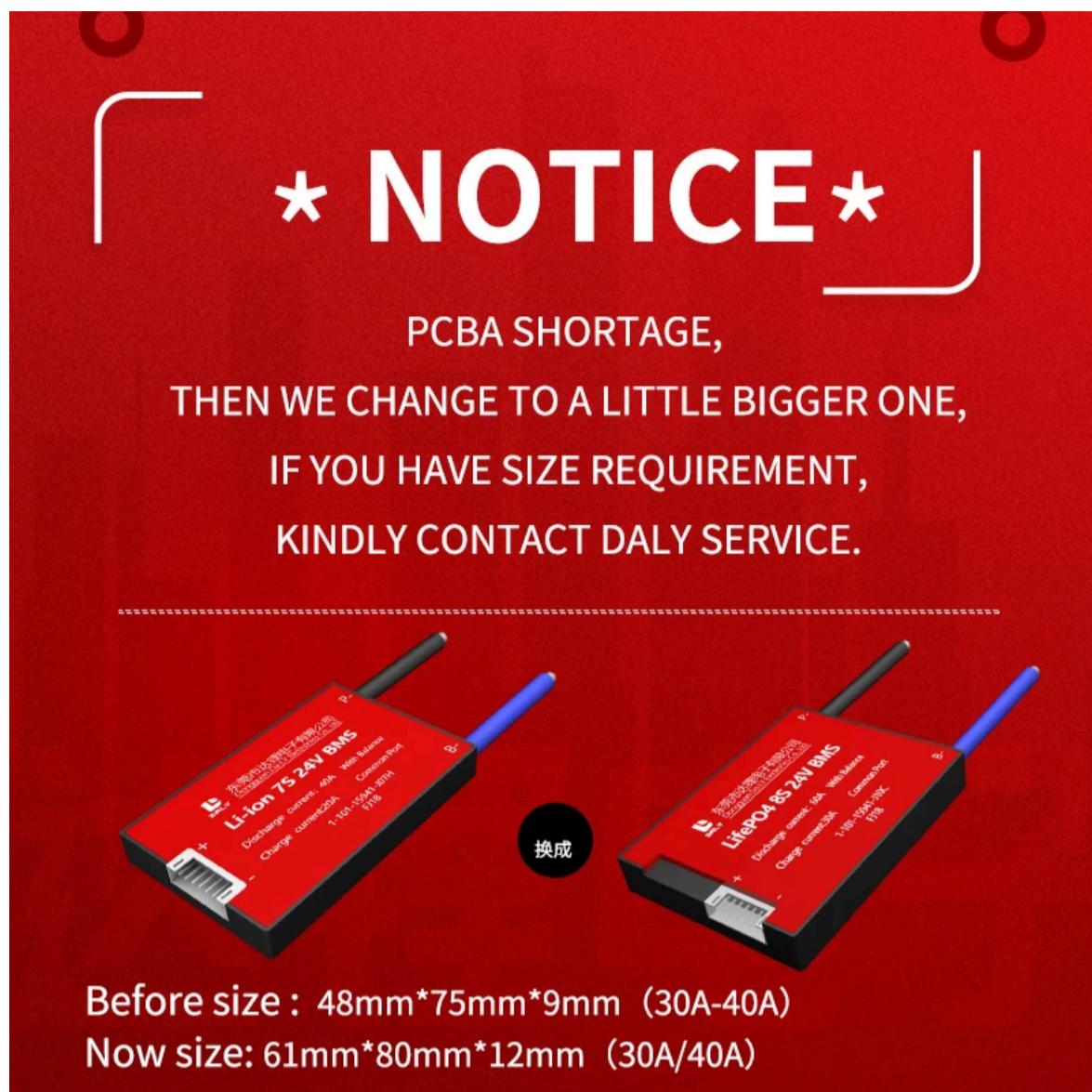
1. Overview

- ◆ We can design it for various lithium batteries like LiFepo4, LiMn2O4, and Li-polymer etc.
- ◆ The main functions are: over charge protection, over discharge protection, over current protection, short-circuit protection, temperature protection etc.
- ◆ According to the customer request we can develop PCM in different sizes and structures.
- ◆ BMS manufactured by high quality Mos and IC imported . Keep your battery long cycle service life time.

2. Advantage

- ◆ Equipped with a mechanical temperature sensor, which can well protect the battery such as overcharge and discharge resulting in temperature increasing, effectively improving the safety of battery use, and solving potential safety issue caused by thermal runaway of batteries.
- ◆ Use top quality (A-level) protective integrated circuit IC, from the solution of Seiko of Japan. IC itself has power balancing function. The circuit is simple and reliable.
- ◆ Strong load ability, constant discharge current 20A/30A/40A /50A/60A...250A, use high voltage resistance, low inner resistance power Mosfet. The heat sink will greatly help cooling.

- ◆Typical voltage detection for each cell. So each battery will be prevented over charged or over discharged. Over current and short circuit protection function is very reliable.Long time short circuit of the load won't affect the PCB and the battery.Temperature protection during charging and discharging.
- ◆Extreme low power consumption. The consumption of the whole device is less than 50uA.
- ◆PCB use high anti-corrosion, high water resistance, high impedance ESD conformal Coating.



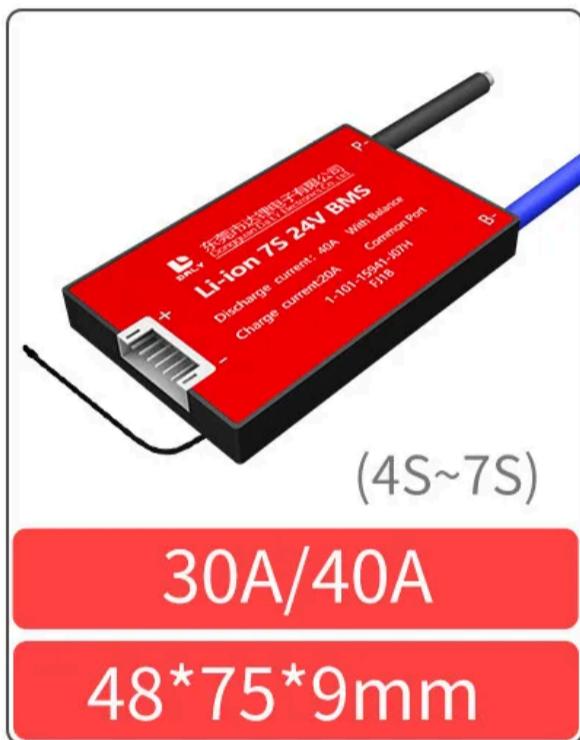
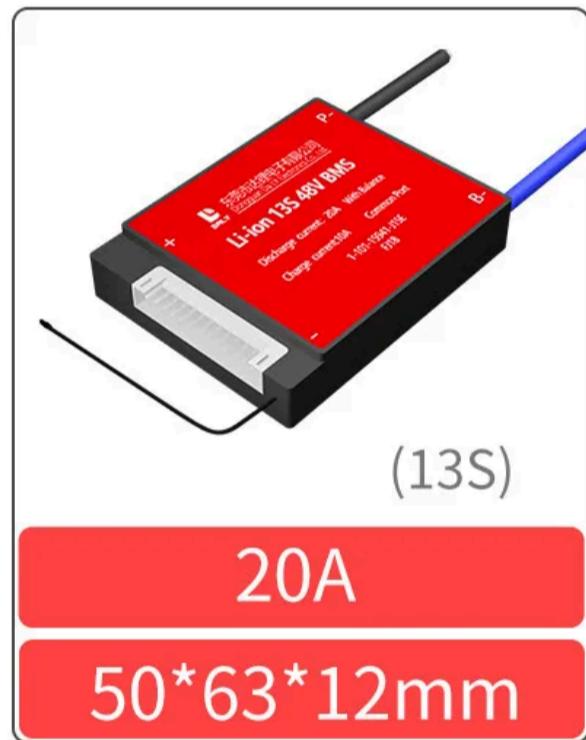
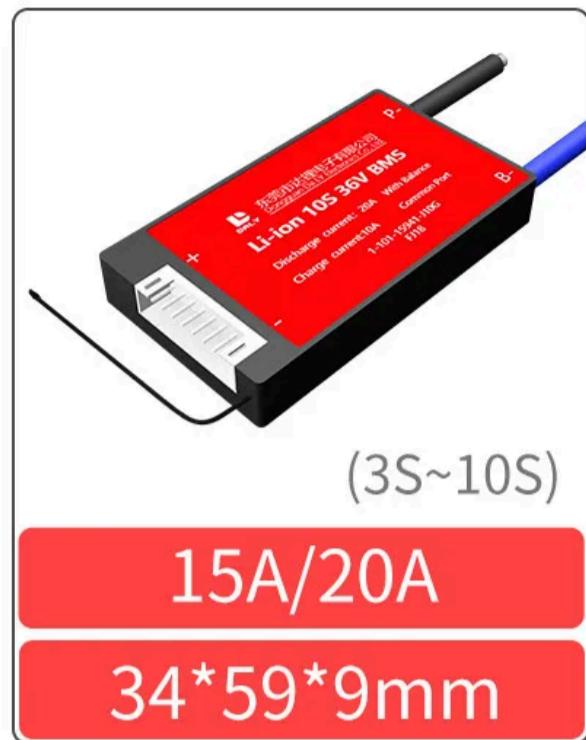


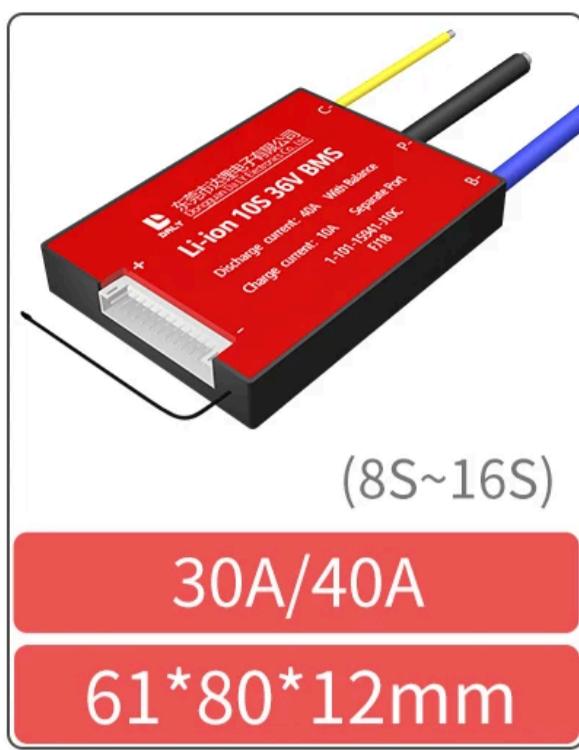
SUPERIOR BMS



PRODUCT DESCRIPTION

(Common port and Separate port with the same size)

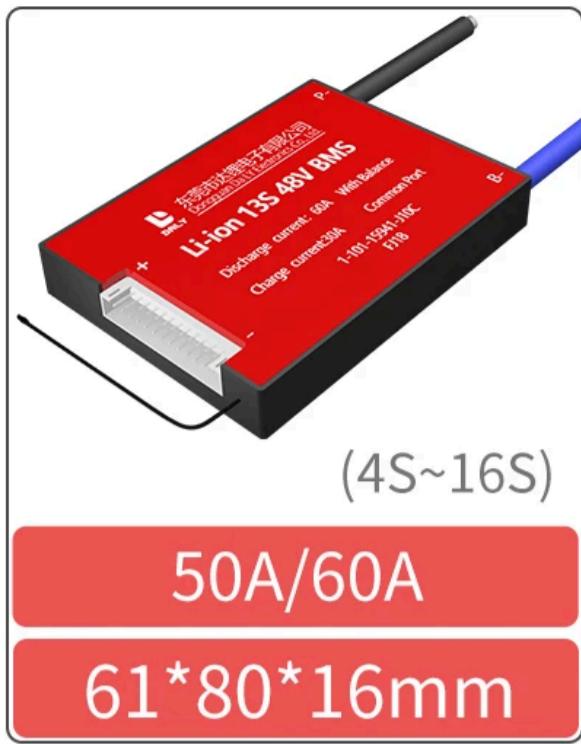




(8S~16S)

30A/40A

61*80*12mm



(4S~16S)

50A/60A

61*80*16mm



(3S~16S)

80A

66*150*19mm



(3S~16S)

100A

65*166*24mm



(3S~16S)

120A/150A

95*210*20mm



(3S~16S)

200A/250A

120*220*36mm

PRODUCTS PARAMETERS

COMMON PORT

Li-ion

Function	Description	Specification (Li-ion 7S-13S)							Unit
Charge	Charge voltage	N*4.2							V
Discharge	Continue discharge current	15	20	30	40	60	80	100	A
	Sparkle current	50±10	60±10	100±20	120±20	180±30	250±50	300±50	A
Charge	Charge current	8	10	15	20	30	40	50	A
	Continue discharge current	120	150	200	250	300	400	500	A
Discharge	Sparkle current	400±100	500±100	600±100	600±100	1000±20	1200±20	1500±20	A
	Charge current	60	75	100	125	150	200	250	A
Inner Resistance	Main Circuit Conduct Inner	≤20							mΩ
Over charge protection	Over charge detect voltage	4.25±0.05							V
	Over charge protection delay	1							S
	Over charge release voltage	4.15±0.05							V
Balance	Balance detect voltage	4.18							V
	Balance release voltage	4.18							V
	Balance current	30±5							mA
Over discharge protection	Over discharge detect voltage	2.7±0.1							V
	Over discharge detect delay	1							S
	Over discharge release voltage	3.0±0.1							V
Over current protection	Over current detect voltage	1							S
	Over current detect delay	Off load							
Short Circuit protection	Short Circuit protection condition	Short circuit of external load							
	Short Circuit detect delay	250							μs
	Short Circuit protection release	Off load							
Temp protect	Temp Protect	/							°C
Self Consumptio	Working current	80A (including 80A) and above 500uA							mA
	Sleeping current(when in discharge)	0							uA
Working Temp	Temp range	-20~70							°C
Storage Temp	Temp range	-40~80							°C

LiFePo4

Function	Description	Specification (LiFePo4 4S-16S)							Unit
Charge	Charge voltage	N*3.65							V
Discharge	Continue discharge current	15	20	30	40	60	80	100	A
	Sparkle current	50±10	60±10	100±20	120±20	180±30	250±50	300±50	A
Charge	Charge current	8	10	15	20	30	40	50	A
	Continue discharge current	120	150	200	250	300	400	500	A
Discharge	Sparkle current	400±100	500±100	600±100	600±100	1000±20	1200±20	1500±20	A
	Charge current	60	75	100	125	150	200	250	A
Inner Resistance	Main Circuit Conduct Inner	≤20							mΩ
Over charge protection	Over charge detect voltage	3.75±0.05							V
	Over charge protection delay	1							S
	Over charge release voltage	3.55±0.05							V
Balance	Balance detect voltage	3.5							V
	Balance release voltage	3.5							V
	Balance current	30±5							mA
Over discharge protection	Over discharge detect voltage	2.2±0.1							V
	Over discharge detect delay	1							S
	Over discharge release voltage	2.3±0.1							V
Over current protection	Over current detect voltage	1							S
	Over current detect delay	Off load							
Short Circuit protection	Short Circuit protection condition	Short circuit of external load							
	Short Circuit detect delay	250							μs
	Short Circuit protection release	Off load							
Temp protect	Temp Protect	/							°C
Self Consumptio	Working current	80A (including 80A) and above 500uA							mA
	Sleeping current(when in discharge)	0							uA
Working Temp	Temp range	-20~70							°C
Storage Temp	Temp range	-40~80							°C

SEPARATE PORT

Li-ion

Function	Description	Specification (Li-ion 3S-13S)									Unit
Charge	Charge voltage	N*4.2									V
Discharge	Continue discharge current	15	20	30	40	60	80	100	120	150	A
	Sparkle current	50±10	60±10	100±20	120±20	180±20	250±50	300±50	400±100	500±100	A
Charge	Charge current	8	8	10	10	10	40	40	40	40	A
Inner Resistance	Main Circuit Conduct Inner	≤ 20									mΩ
Over charge protection	Over charge detect voltage	4.25±0.05									V
	Over charge protection delay	1									S
	Over charge release voltage	4.15±0.05									V
Balance	Balance detect voltage	4.18									V
	Balance release voltage	4.18									V
	Balance current	30±5									mA
Over discharge protection	Over discharge detect voltage	2.7±0.1									V
	Over discharge detect delay	1									S
	Over discharge release voltage	3.0±0.1									V
Over current protection	Over current detect voltage	1									S
	Over current detect delay	Off load									
Short Circuit protection	Short Circuit protection condition	Short circuit of external load									
	Short Circuit detect delay	250									μs
	Short Circuit protection release	Off load									
Temp protect	Temp Protect	/									°C
Self Consumptio	Working current	80A(including 80A) and above 500uA									uA
	Sleeping current(when in discharge)	0									uA
Working Temp	Temp range	-20~70									°C
Storage Temp	Temp range	-40~80									°C

LiFePo4

Function	Description	Specification (LiFePo4 4S-16S)									Unit
Charge	Charge voltage	N*3.65									V
Discharge	Continue discharge current	15	20	30	40	50	60	80	100	120	A
	Sparkle current	50±10	60±10	100±20	120±20	150±20	180±20	250±50	300±50	400±100	500±100
Charge	Charge current	8	8	10	10	10	10	40	40	40	A
Inner Resistance	Main Circuit Conduct Inner	≤ 20									mΩ
Over charge protection	Over charge detect voltage	3.75±0.05									V
	Over charge protection delay	1									S
	Over charge release voltage	3.55±0.05									V
Balance	Balance detect voltage	3.5									V
	Balance release voltage	3.5									V
	Balance current	30±5									mA
Over discharge protection	Over discharge detect voltage	2.2±0.1									V
	Over discharge detect delay	1									S
	Over discharge release voltage	2.7±0.1									V
Over current protection	Over current detect voltage	1									S
	Over current detect delay	Off load									
Short Circuit protection	Short Circuit protection condition	Short circuit of external load									
	Short Circuit detect delay	250									μs
	Short Circuit protection release	Off load									
Temp protect	Temp Protect	/									°C
Self Consumptio	Working current	80A(including 80A) and above 500uA									uA
	Sleeping current(when in discharge)	0									uA
Working Temp	Temp range	-20~70									°C
Storage Temp	Temp range	-40~80									°C

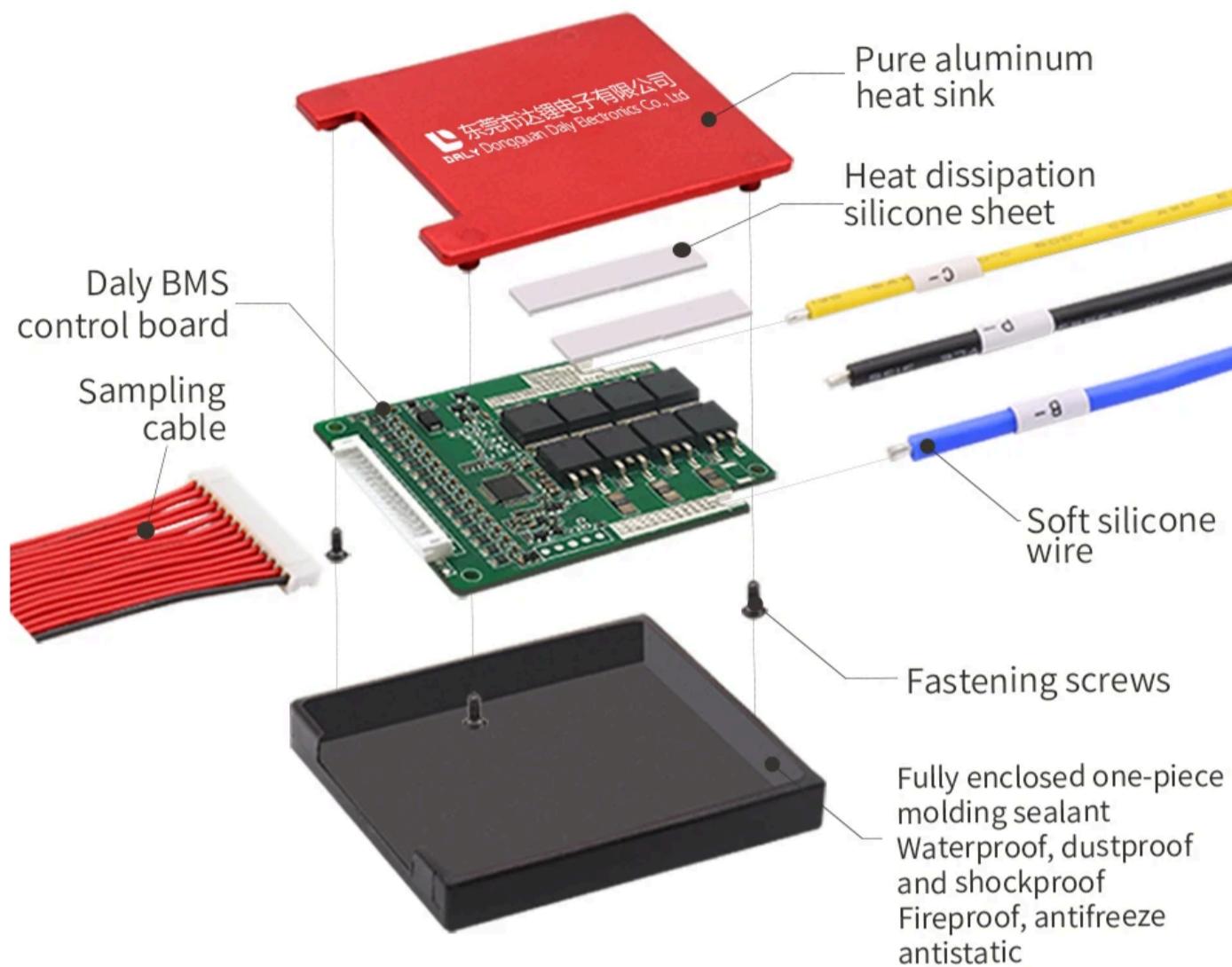
GIVE NO CHANCE TO THE POTENTIAL DANGERS

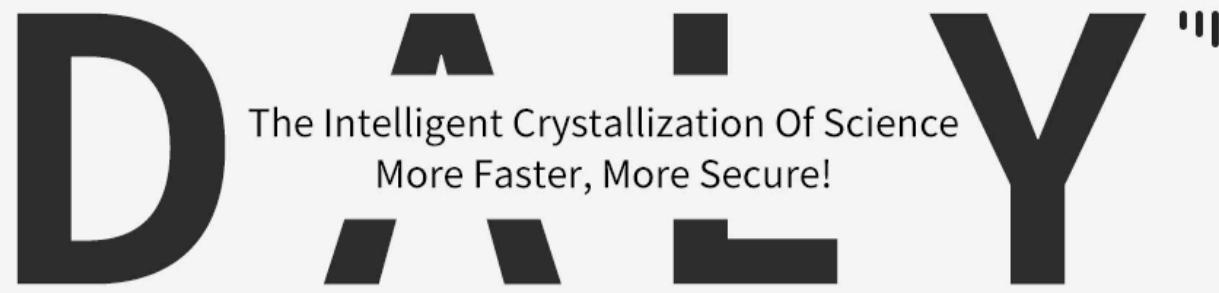
The team with 100 senior engineers
manufacture with 10 million level production line



SEPARATE · COMBINE

Every part represents attitude





IMPORTED MOS EXCELLENT PERFORMANCE

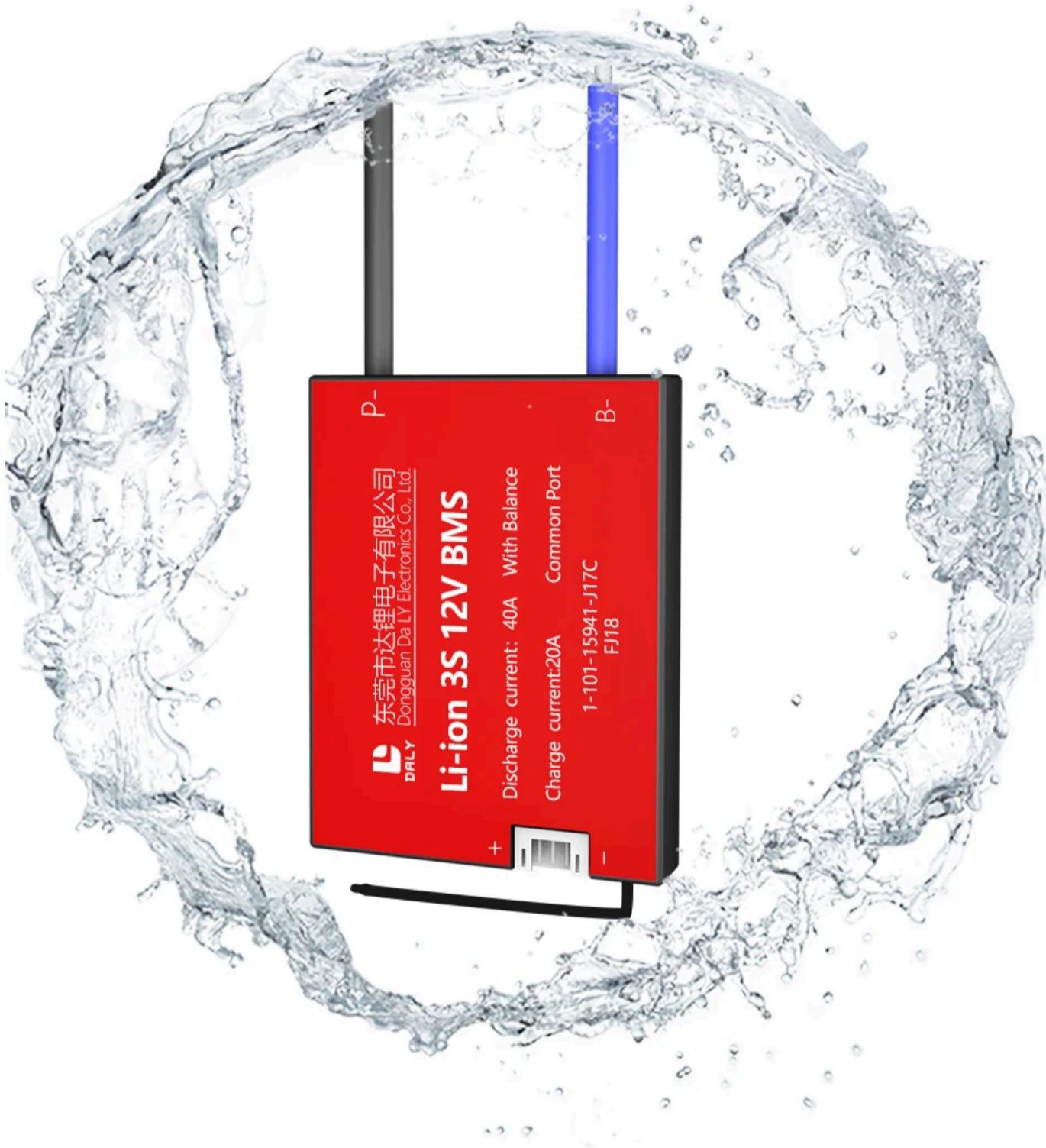
Lower internal resistance and longer lifespan



SEALED • WATERPROOF PATENT

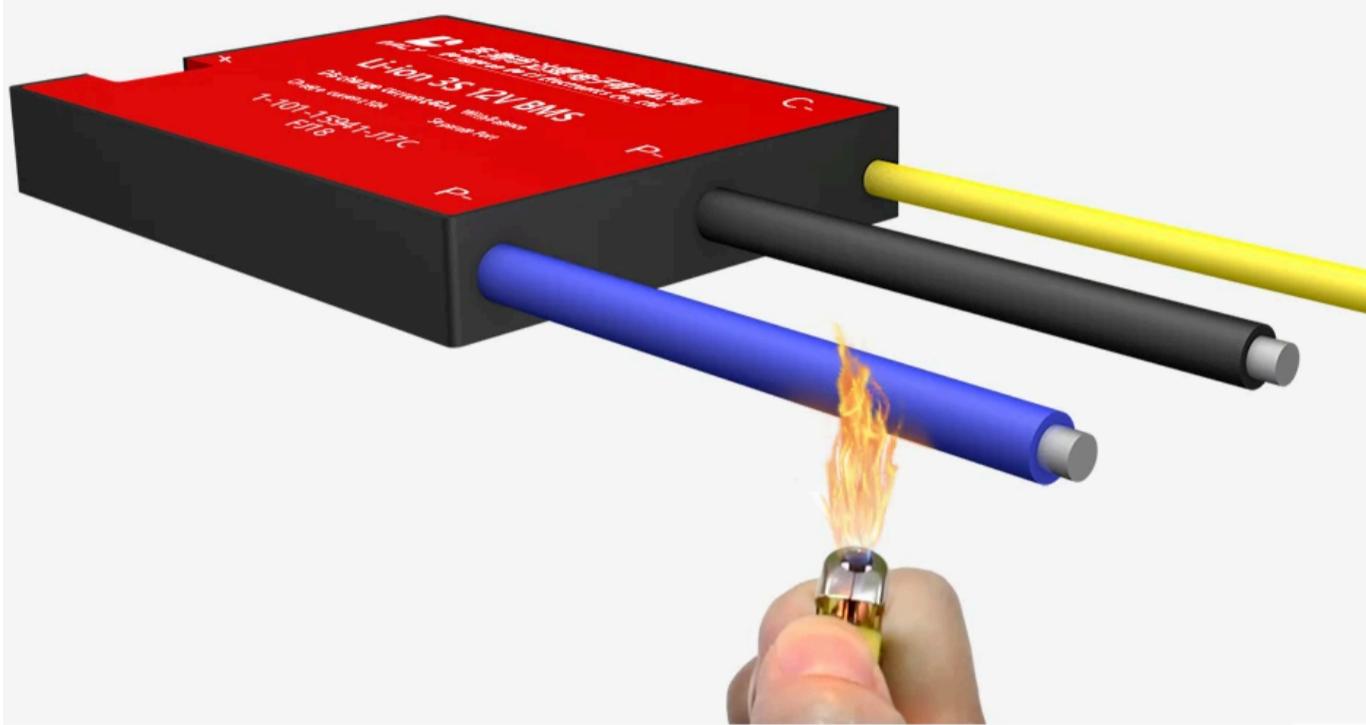
Patent No: ZL 2018 2 1243978.5

Full sealed
Waterproof Dustproof Shockproof



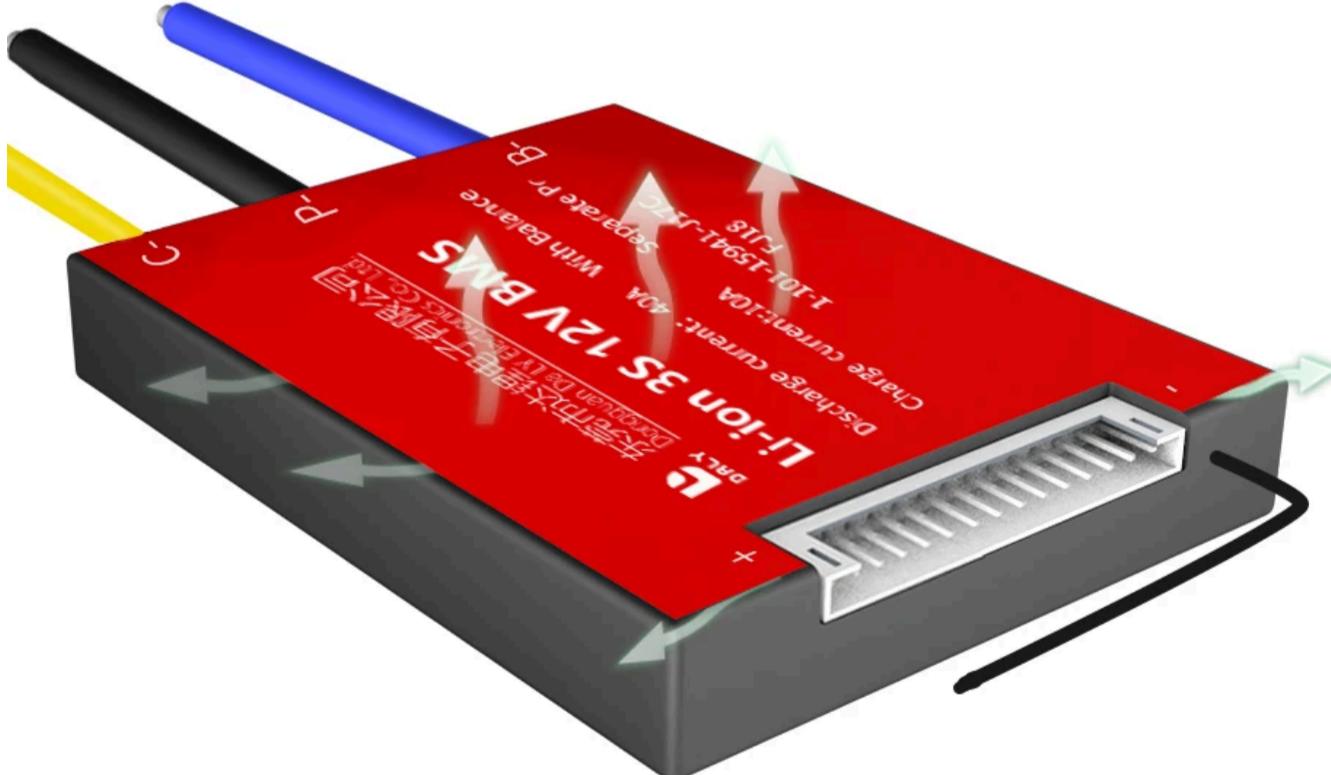
WIRE: SAFE AND RELIABLE

Strong flame retardancy, good flexibility
good for wiring at various angles

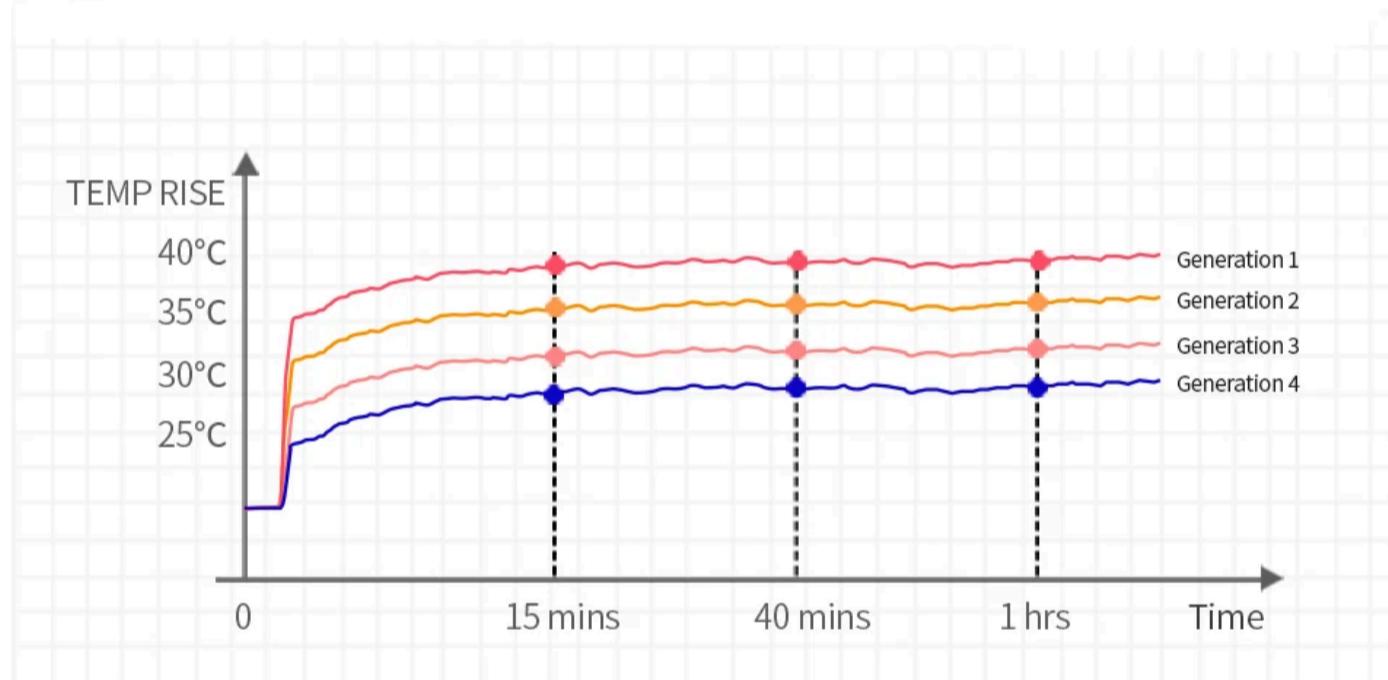
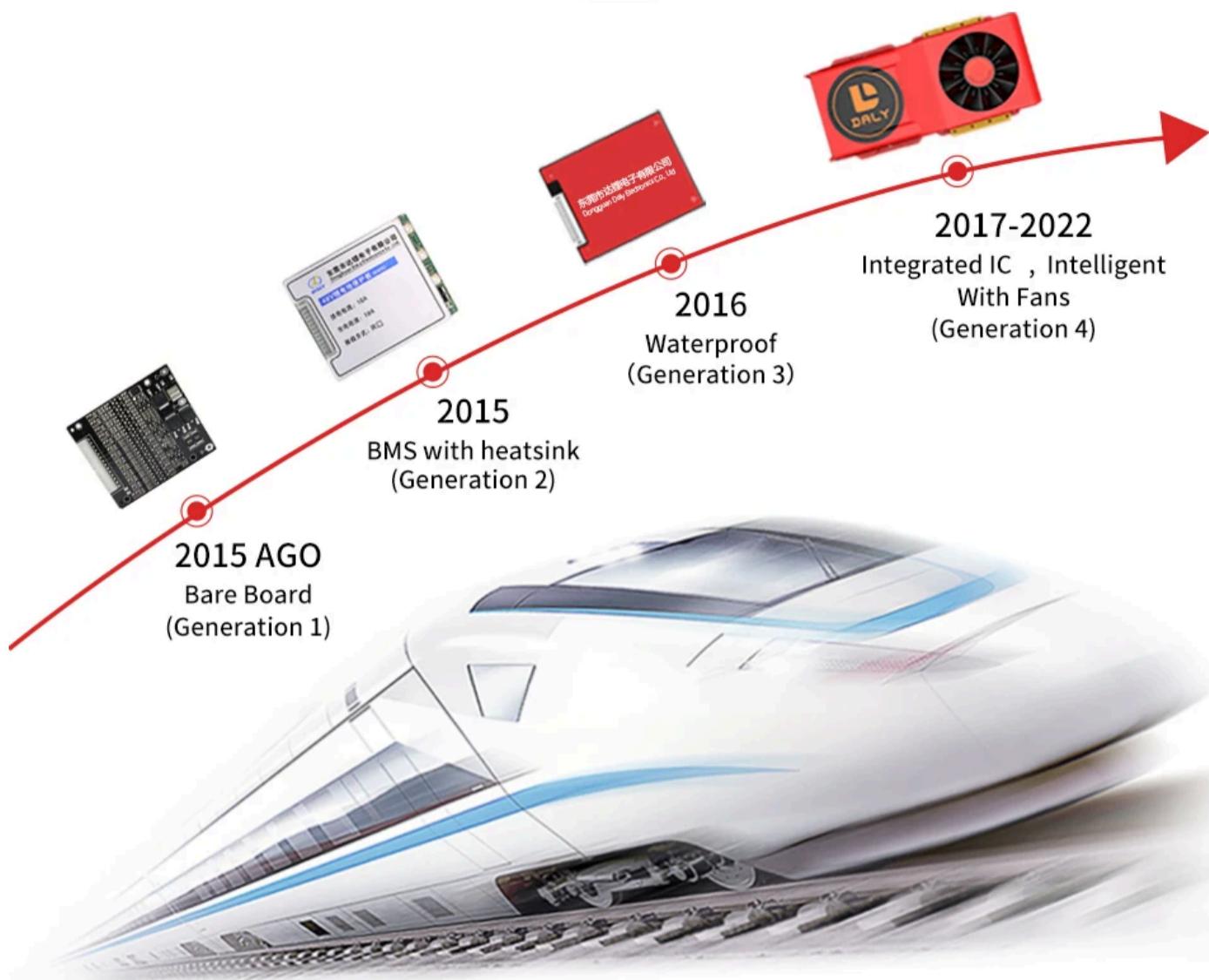


WAVE STYLE HEAT-DISSIPATION TRIPLE EFFECT

The area of heat-dissipation increase triple



DALY BMS DEVELOPMENT HISTORY



LOWER TEMPERATURE RISE OF BMS

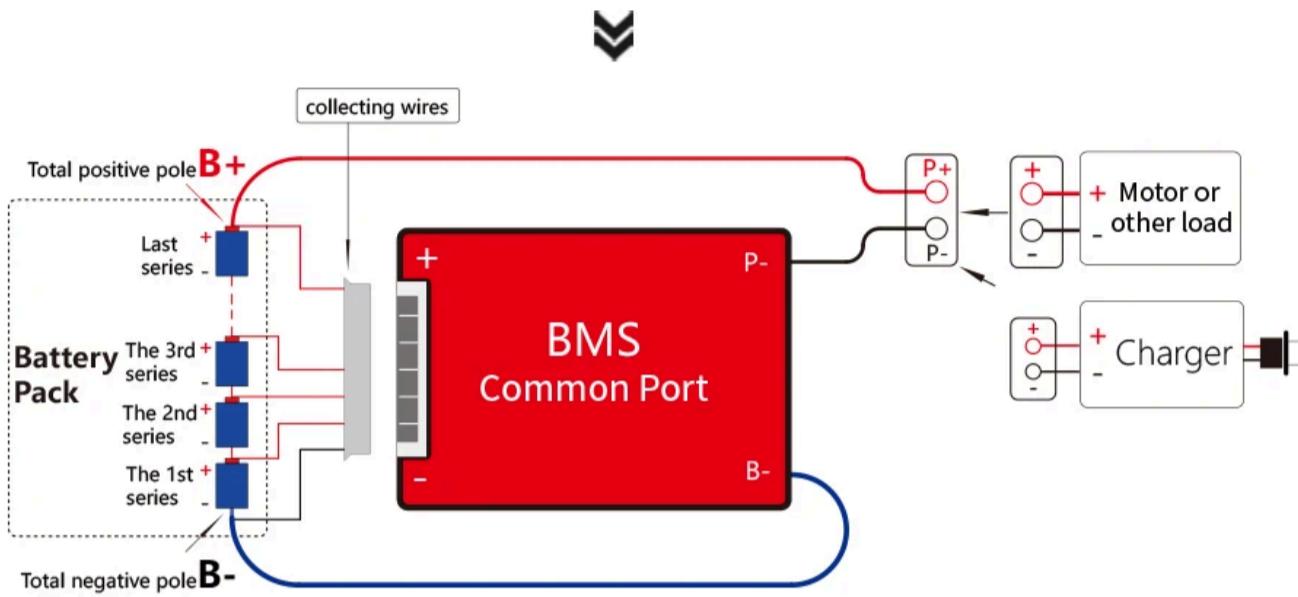


*The measured data are affected by external factors and will be subjected to actual data

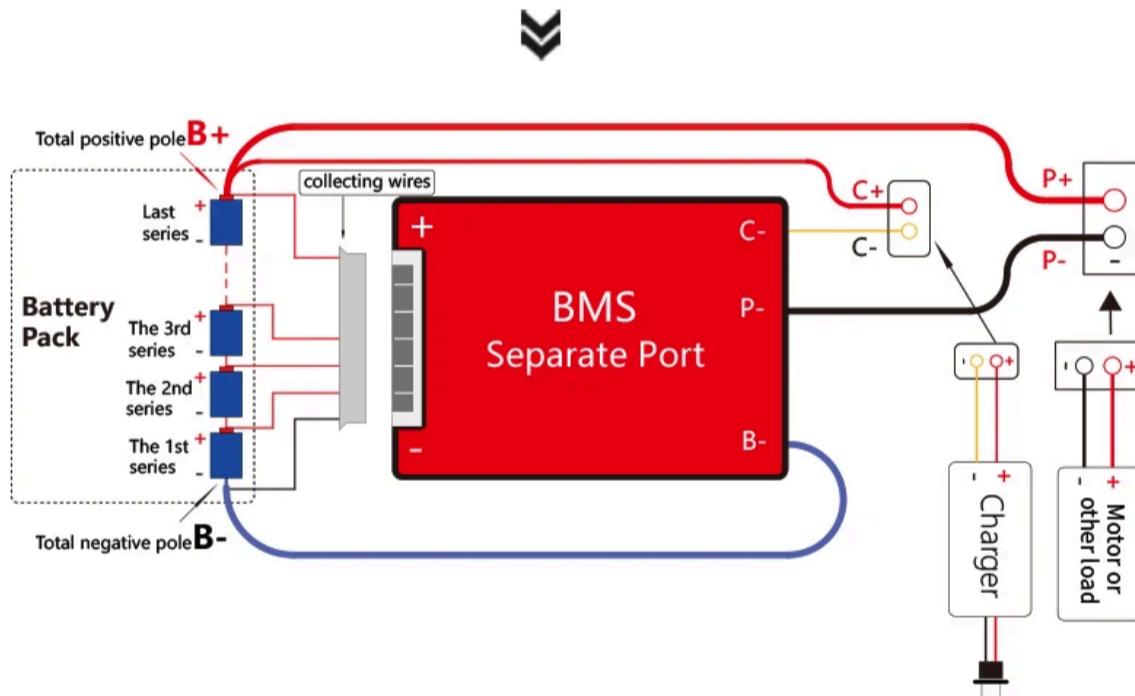
DALY BMS WIRE DIAGRAM

You will know more with picture

DALY BMS WIRE DIAGRAM FOR COMMON PORT



DALY BMS WIRE DIAGRAM FOR SEPARATE PORT



I、Pls do not insert balance wires into BMS before connecting batteries, must make sure connecting with batteries correct.

II、The sequence of connecting wires for BMS:

Notes: Pls ensure to use balancing wires from Daly!

- 1.From thin black balance wire to start, the 2nd wire(thin red wire) connect with the 1st battery's positive pole. Then connect each cell's positive pole in order until the last one B+;
- 2.Do not insert the connector directly after the wires were connected. Measure the voltage between two adjacent metal terminals on the back of the connector. If it is Li-ion battery, the voltage should be between 3.0 ~ 4.2V, Lifepo4 battery should be between 2.0 ~ 3.6V, and LTO battery should be between 1.5 ~ 2.75V;
- 3.After the wiring sequence and voltage are confirmed to be correct, then insert into BMS;
- 4.Adjust the multimeter to the buzzer position and measure the internal resistance between B- and P- when the internal resistance is 0, there will be a beep, which means that the BMS is good. Otherwise, do not weld and contact the customer service.;
- 5.The last step to connect B-(thick blue wire) with battery pack's total negative pole.

III、After finished wiring:

Measure whether the B+ and B-voltage and B+ and P-voltage of the battery are equal, If yes, it means the BMS works normally and can be used. If not, please recheck according to the above wiring sequence.

IV、If you have any other questions, pls contact our customers service for us support.

BRAND STRENGTH

COMPANY SHOWING



SMART WORKSHOP





| Ensure every product can be used with safe and high quality.



Specifications

Model Number	3S~27s	Accessory Type	Battery Accessories
Origin	Mainland China	Certification	CE,FCC,RoHS,pse
Model Number	DL3s 27s	Applications	3.2v 3.7V lithium battery rated

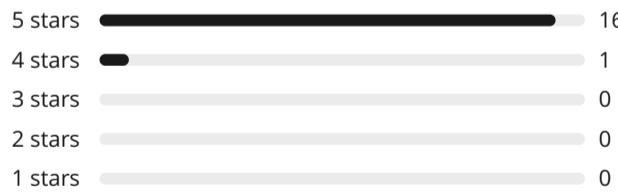
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Customer Reviews (17)

4.9

★★★★★

All reviews come from verified purchasers



[All\(17\)](#) [Pic review\(2\)](#) [Additional review\(0\)](#) [Local review\(3\)](#) [5 stars\(16\)](#) [4 stars\(1\)](#) [3 stars\(0\)](#) [2 stars\(0\)](#)

[1 star\(0\)](#) [ok\(1\)](#) [Great product\(1\)](#) [Solid\(1\)](#) [Top\(1\)](#) [installed\(1\)](#) [Description corresponds\(1\)](#) [perfecta\(1\)](#)

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★★★★★

Color:60A Separate portNTC Current:Lithium Li-ion 16S

Description corresponds.



Helpful(0)

12 Jan 2024

|***y

★★★★★

21 Oct 2023

Color:150A common port NTC Current:Lithium Li-ion 20S

f***r

Solid

[Helpful\(0\)](#)
★★★★★

Color:30A Common port NTC Current:Lithium Li-ion 14S

15 Dec 2023

J***o

Perfect, installed and in operation.

[Helpful\(0\)](#)[View More](#)

Buyer Questions & Answers (1)

? For a pack of 4 batteries, 3,7V, 500 amp, life PO4, what is the specification of BMS?

? For a pack of 4 batteries, 3,7V, 500 amp, life PO4, what is the specification of BMS?

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