



Buy BMS, Choose TDT

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TDT BMS, Shenzhen Tuodatong Electronics Co., Ltd. is a high-tech enterprise that integrates research and development, production and sales.

Main products are smart bms, smart active balancer BMS, energy storage BMS, hardware BMS and active balancer, which can meet the standard of CE, FCC, ROHS and ISO9001 certification.

With over 20 years experience in battery management systems, we have cooperated with 1000+ companies and BMS are very popular in Europe, Asia and North America.



6000^m²
+
Factory Area

200+
Employees

50+
Engineers

30+
Patent achievements

20%
R&D investment

10+
Production Lines



OUR FACTORY

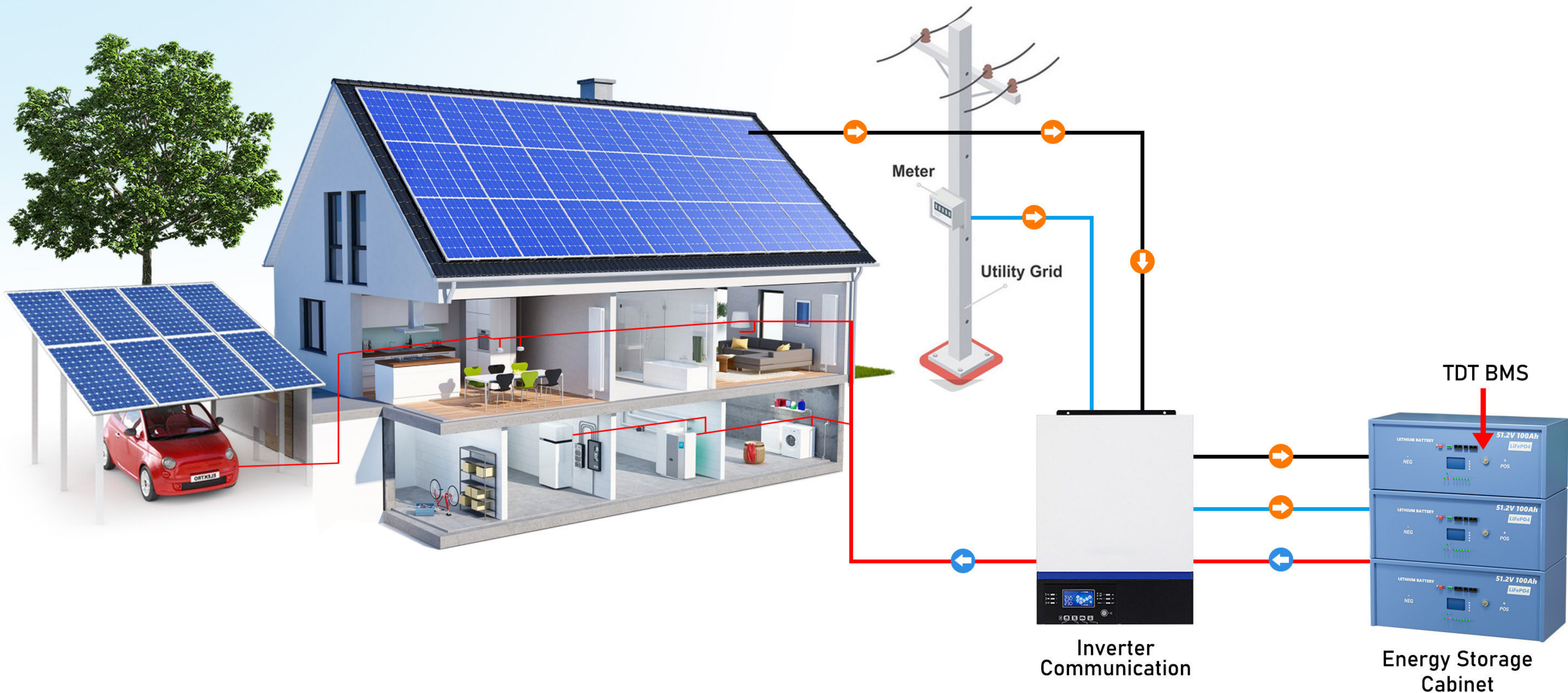
LOW MOQ

FAST DELIVERY

FACTORY PRICE



ENERGY STORAGE SYSTEM SOLUTION



TDT-1001 Active Balance Inverter BMS for Home Energy Storage

7-16S, 50-300A | Li-ion/LiFePO4



Buzzer



LCD screen



Release



WIFI (optional)



Hall sensor



Built-in Bluetooth



Built-in 3A active balance



Heating (optional)



Rapid precharging



On/off switch interface



10A Parallel current limiting

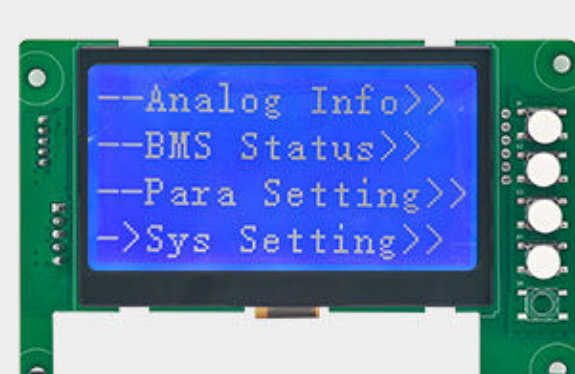


Parallel communication

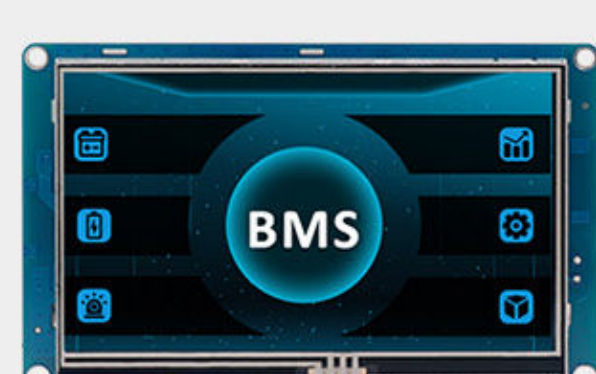
- *6 temperature sensors (4 for battery pack +1 for ambient environment+1 for MOS)
- *Communication with mainstream inverters (such as PYLONTECH, GOODWE, Growatt, Victron energy, etc.)
- *10A parallel current limiting module, support 20 battery groups in parallel
- *High-precision SOC and SOH estimation with self-learning capacity algorithm
- *Support mobile phone app, various screen and PC software
- *Size: 300*100*18mm NW: 1.095kg

Screen selection

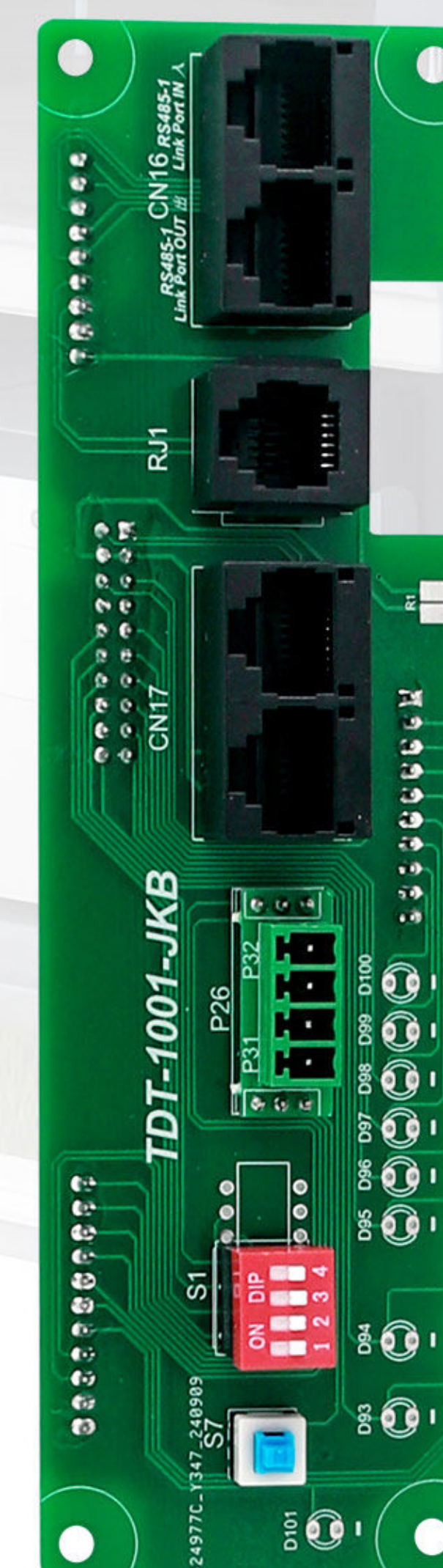
Key screen

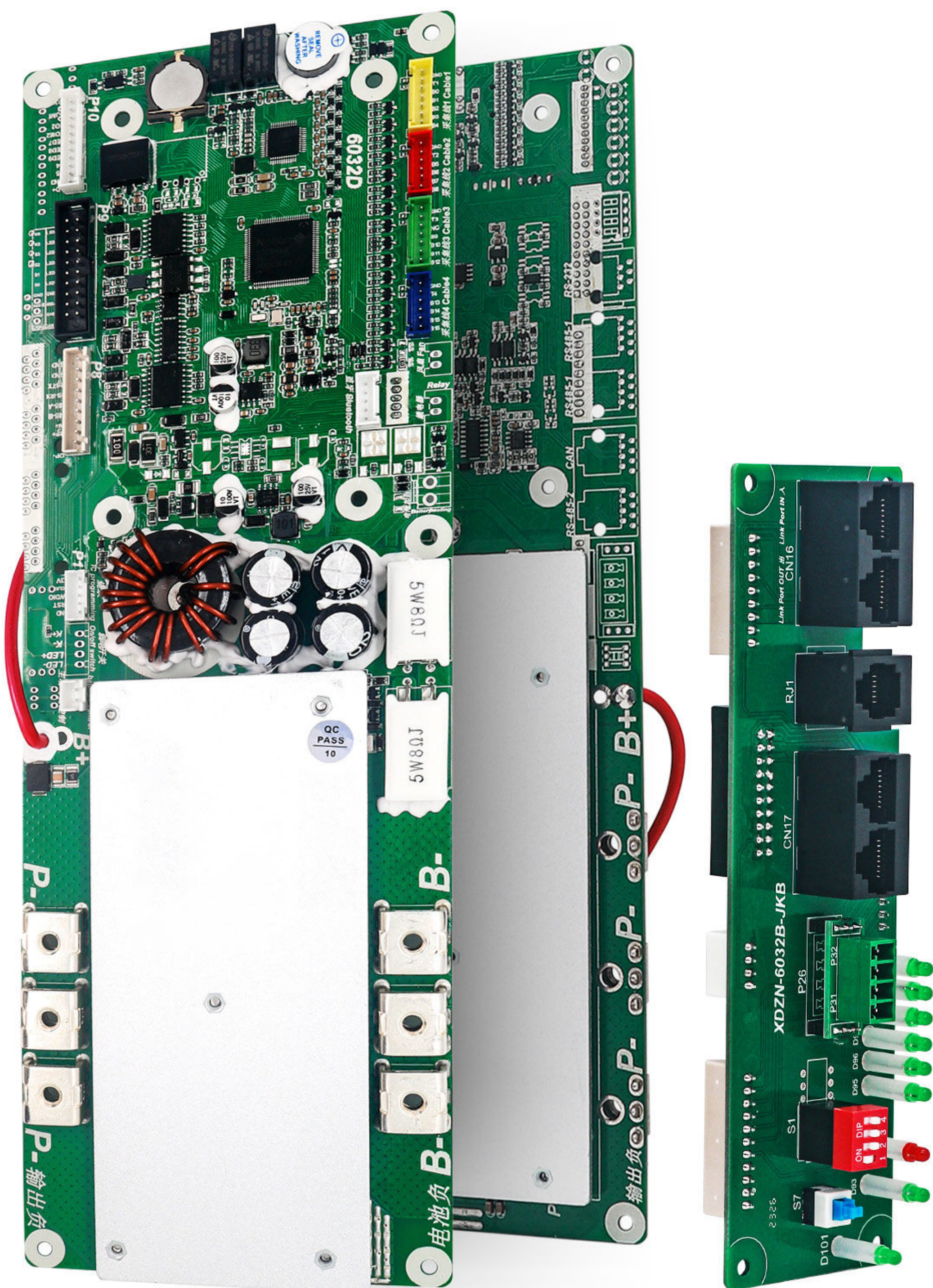


4.3" Touch screen



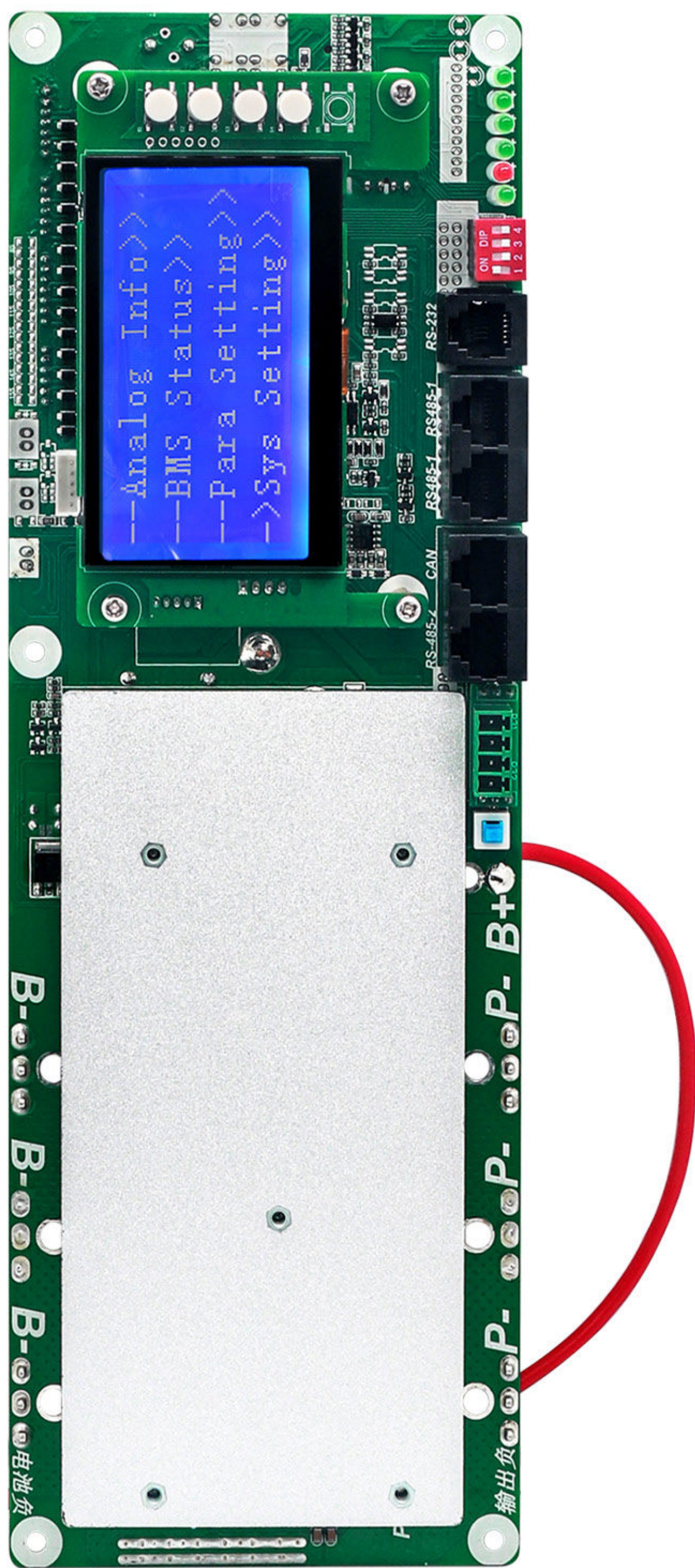
7" Touch screen





Split style

Size: 300*100*48mm
NW: 1.15kg



Integrated style
(customized)

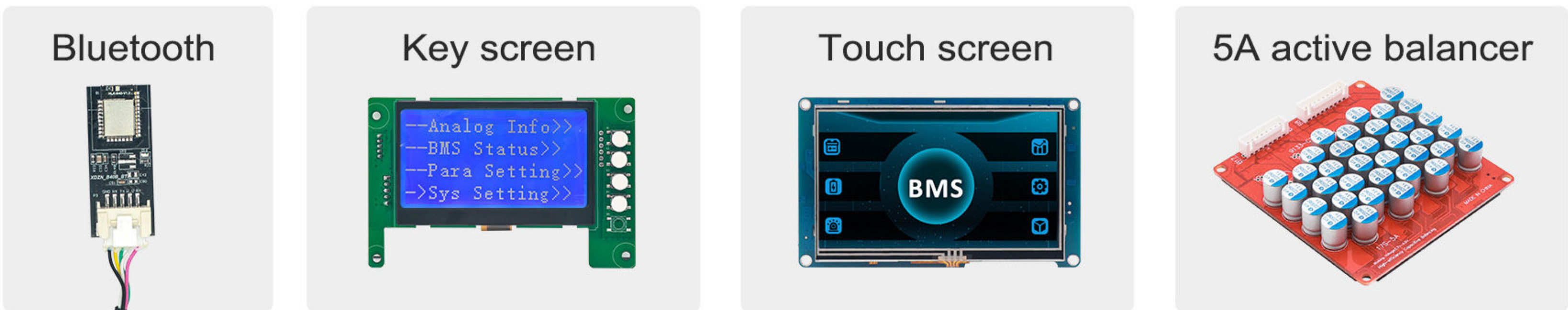
Size: 300*100*48mm
NW: 1.226kg

TDT-6032 energy storage BMS

Support 8-16S, 50-200A, LFP/NCM

- *6 temperature sensors (4 for battery pack +1 for ambient environment+1 for MOS)
- *The active balancer is controllable on the host computer
- *Communication with mainstream inverters (such as PYLONTECH, GOODWE, Growatt, Victron energy, etc.)
- *10A current limiting module, supporting 15 battery groups in parallel
- *High-precision SOC and SOH estimation with self-learning capacity algorithm
- *Support mobile phone app, LCD screen and host computer multi-screen free adaptation

Accessory selection



Buzzer	Protect against current/voltage shock	Rapid precharging	Safe capacity expansion	Parallel current limiting	Parallel communication
High efficiency balance	Intelligent communication	Cooling fan interface (customizable)	Heating interface (customizable)	Equalizer interface (customizable)	On/off switch (customizable)

Smart BMS

TDT-2001

NW: 0.595kg

- *Intelligent strings(4S,6S-24S universal version)
- *With on/off switch interface+multiple temperature sensors
- *With RS485/CAN+UART+Bluetooth+Parallel+WIFI(optional)
- + Heating(optional)
- *Built-in 3A active balance



Scope: 4S~24S(200A~300A)

Size: 235*100*19mm

TDT-2022

NW: 0.55kg

- *Intelligent strings(4S,6S-24S universal version)
- *With on/off switch interface+multiple temperature sensors
- *With RS485/CAN+UART+Bluetooth+Parallel+ WIFI(optional)
- + Heating(optional)
- *Built-in 3A active balance



Scope: 4S~24S(30A~150A)

Size: 175*100*19mm

TDT-2006A

- *Intelligent strings
- (4S,5S-8S,9S-16S,17-24S universal version)
- *With RS485/CAN+UART+Bluetooth
- + GPS(optional) + Heating(optional)
- *With on/off switch interface
- *6 temperature sensors



Size: 155*85*12mm
NW: 0.3kg

Scope: 4S~24S(30A~60A)

TDT-2006B

- *Intelligent strings
- (4S,5S-8S,9S-16S,17S-24S universal version)
- *With RS485/CAN+UART+Bluetooth
- + GPS(optional) + Heating(optional)
- *With on/off switch interface
- *6 temperature sensors



Size: 217*85*12m
NW: 0.348kg

Scope: 4S~24S(70A~200A)

TDT-2024

- *Intelligent strings
- (4S,5S-8S,9S-16S,17S-24S universal version)
- *With RS485/CAN+UART+Bluetooth
- + GPS(optional) + Heating(optional)
- *With on/off switch interface
- *6 temperature sensors



Size: 217*85*21mm
NW: 0.59kg

Scope: 4S~24S(210A~300A)

TDT-6045

- *Parameters adjustable(engineer)
- *With RS485+UART+Bluetooth+
- on/off switch interface
- *Multiple temperature sensors
- *With balance



Size: 140*70*14mm
NW: 0.25kg

Scope: 3S~10S (50A~100A)

TDT-2040A

- *Parameters adjustable(engineer)
- *With UART+Bluetooth
- + Heating(optional) +
- on/off switch interface(optional)
- *3 temperature sensors
- *With balance



Size: 140*70*10mm
NW: 0.235kg

Scope: 4S (20A~100A)

TDT-2040B

- *Parameters adjustable(engineer)
- *With UART+Bluetooth
- + Heating(optional) +
- on/off switch interface(optional)
- *3 temperature sensors
- *With balance



Size: 210*70*10mm
NW: 0.296kg

Scope: 4S (100A~200A)

TDT-6056

- *Parameters adjustable(engineer)
- *Multiple temperature sensors
- *CAN/RS485+UART+Bluetooth+on/off switch
- *With balance



Size: 105*70*14mm NW: 0.2kg

Scope:4S~17S(5A~30A)



Size: 140*70*14mm NW: 0.26kg

Scope:4S~17S(50A~60A)



Size: 210*70*14mm NW: 0.345kg

Scope:4S~17S(80A~200A)

TDT-3026

NW: 0.119kg

- *Small in size
- *On/off switch
- *temperature sensors
- *with balance
- *Seperate port

NEW
PRODUCT



6S~16S (CHG current 5A/10A, DCHG current 35A/70A)

TDT-9028A

NW: 0.28kg

- *Toll Low internal resistance MOS
- *On/off switch(customized)
- *2 temperature sensors
- *With balance



5S~7S (60A~200A)

TDT-9026A

NW: 0.29kg

- *Toll Low internal resistance MOS
- *On/off switch(customized)
- *2 temperature sensors
- *With balance



7S~10S (60A~200A)

TDT-9069

NW: 0.3kg

- *Toll Low internal resistance MOS
- *On/off switch(customized)
- *2 temperature sensors
- *with balance

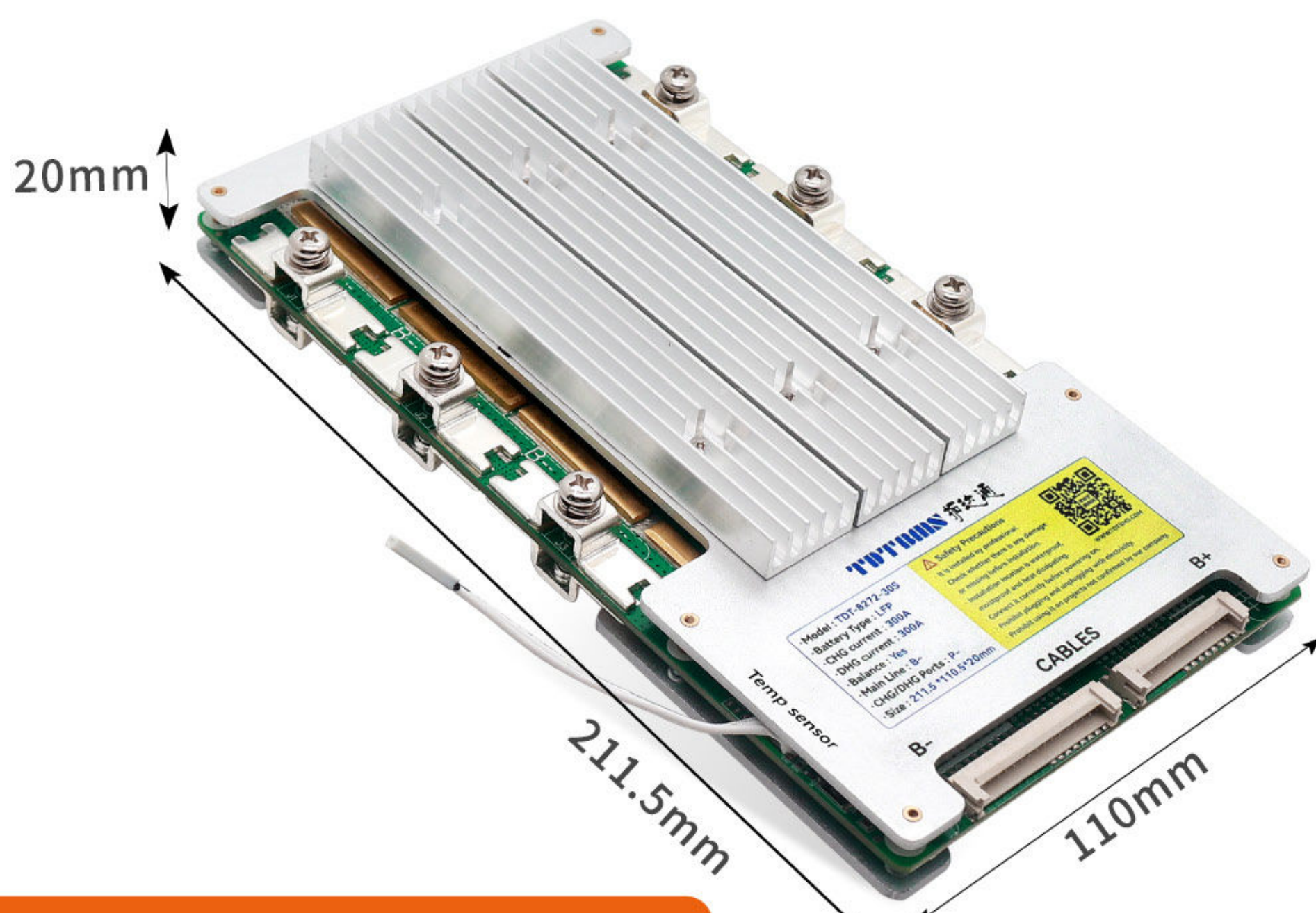


11S~16S (60A~200A)

TDT-9228

NW: 1.1kg

- *Parameters adjustable (engineer)
- *Designed for high currents
- *2 temperature sensors
- *with balance



11S~30S (80A~300A)

TDT-9038

NW: 0.32kg

- *Parameters adjustable (engineer)
- *On/off switch(customized)
- *Toll Low internal resistance MOS
- *2 temperature sensors
- *with balance

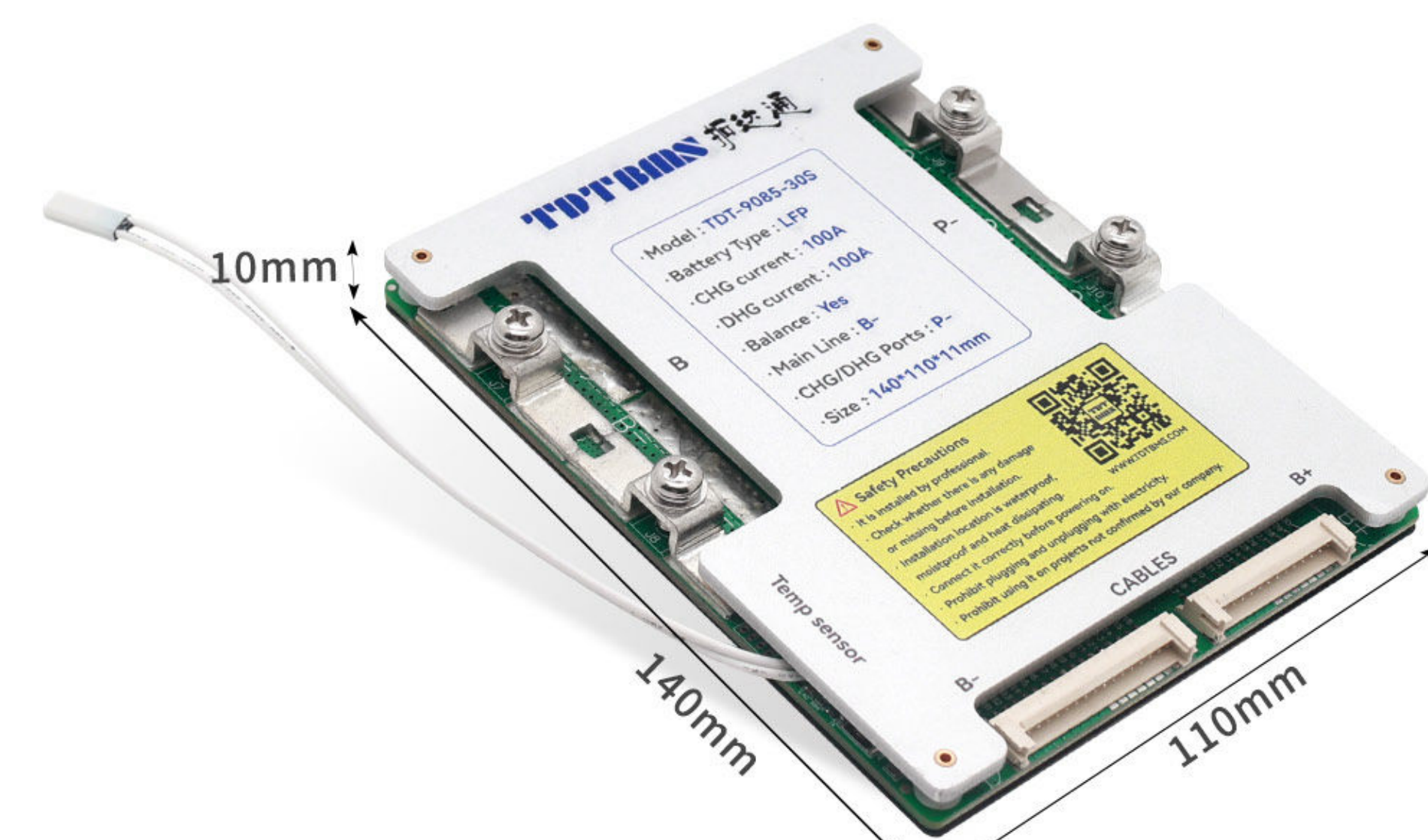


17S~24S (110A~200A)

TDT-9085

NW: 0.3kg

- *Parameters adjustable (engineer)
- *On/off switch(customized)
- *2 temperature sensors
- *With balance



17S~30S (50A~120A)

*With on/off switch

*Double temperature sensors

*Lead-acid replacement BMS

*Supporting connected in seires

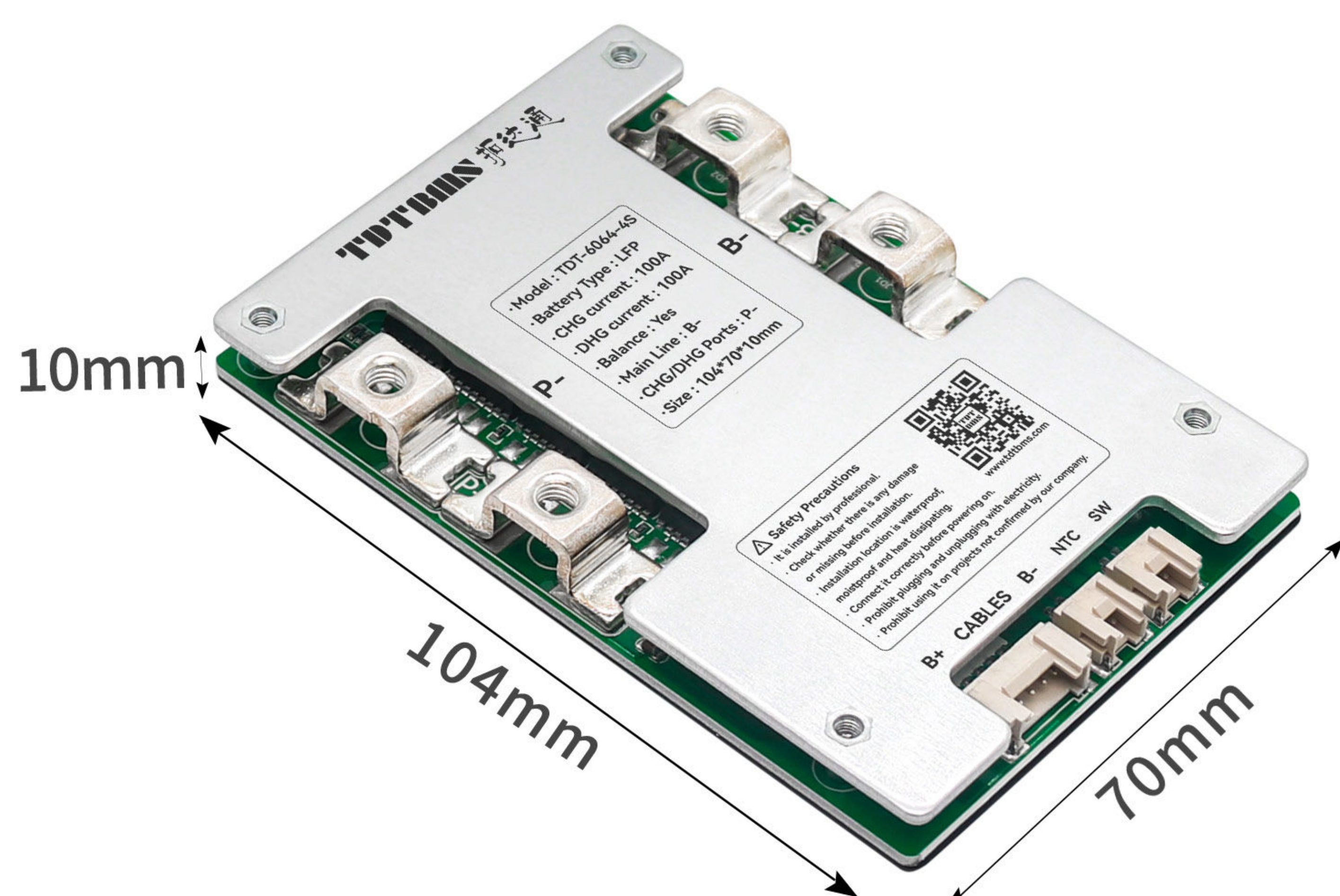
TDT-6064

NW:0.14kg

*On/off switch interface

*2 temperature sensors

*With balance



3~4S (30A~100A)

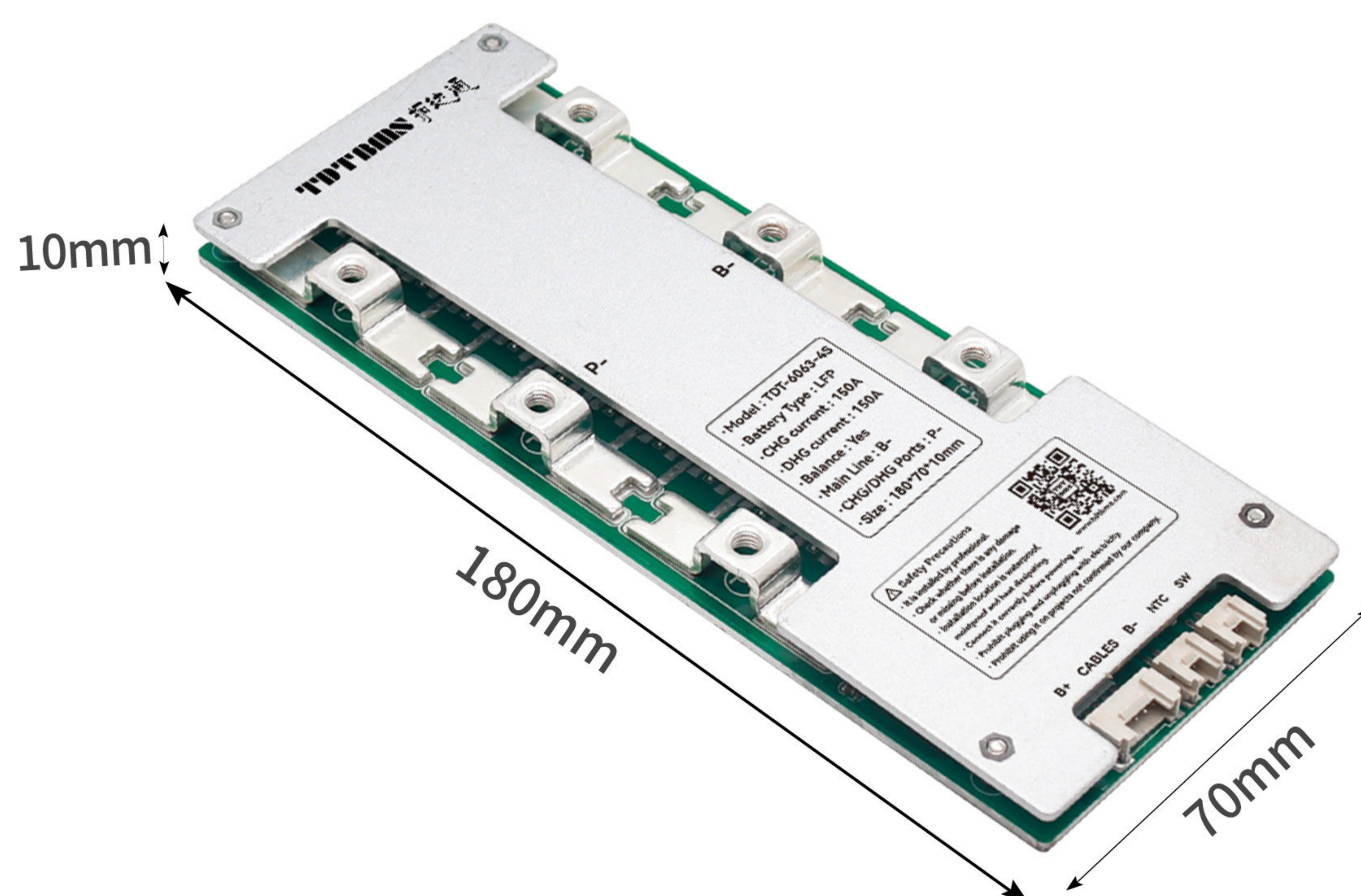
TDT-6063

NW:0.27kg

*On/off switch interface

*2 temperature sensors

*With balance



3~4S (110A~200A)

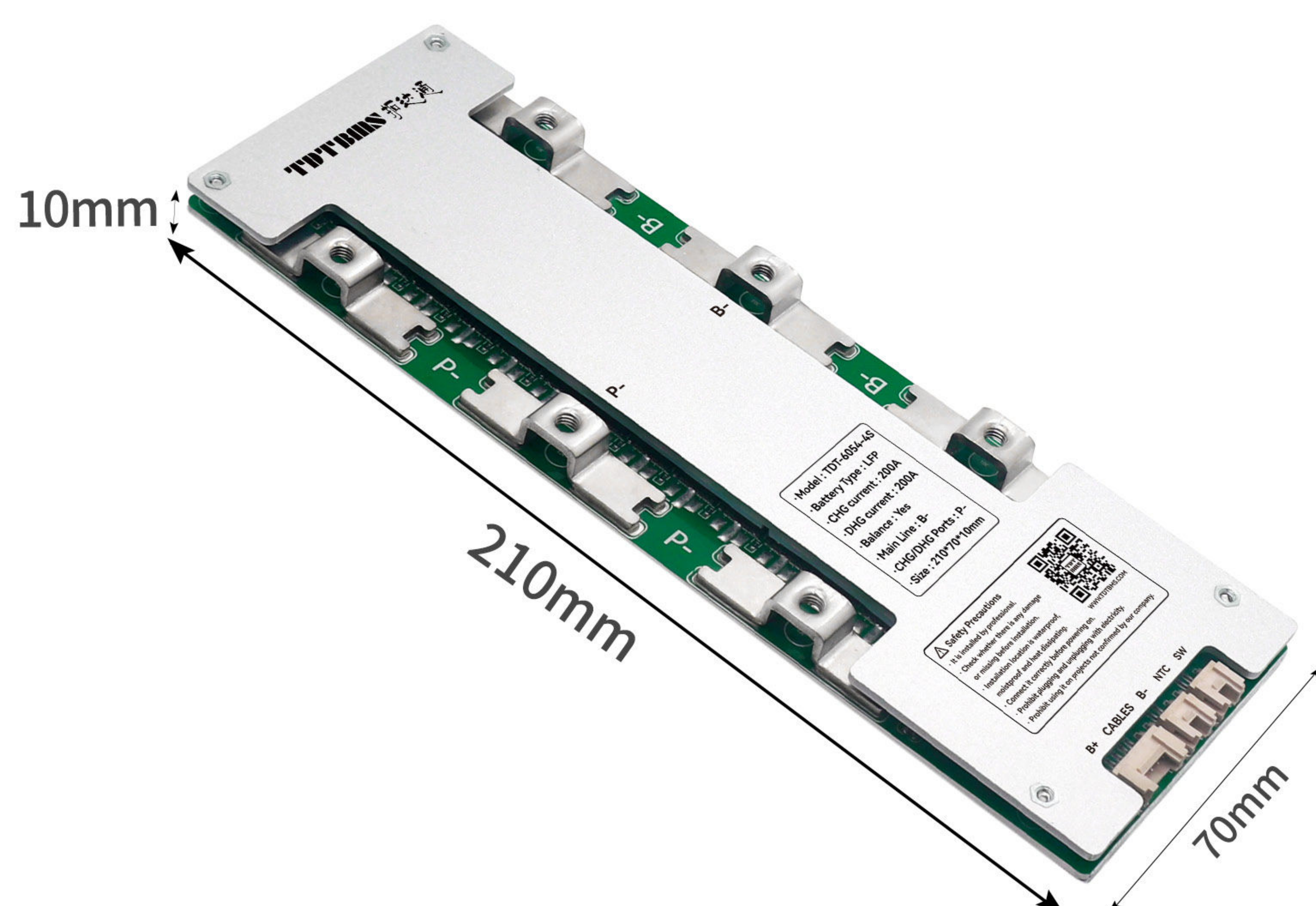
TDT-6054

NW:0.46kg

*On/off switch interface

*2 temperature sensors

*With balance



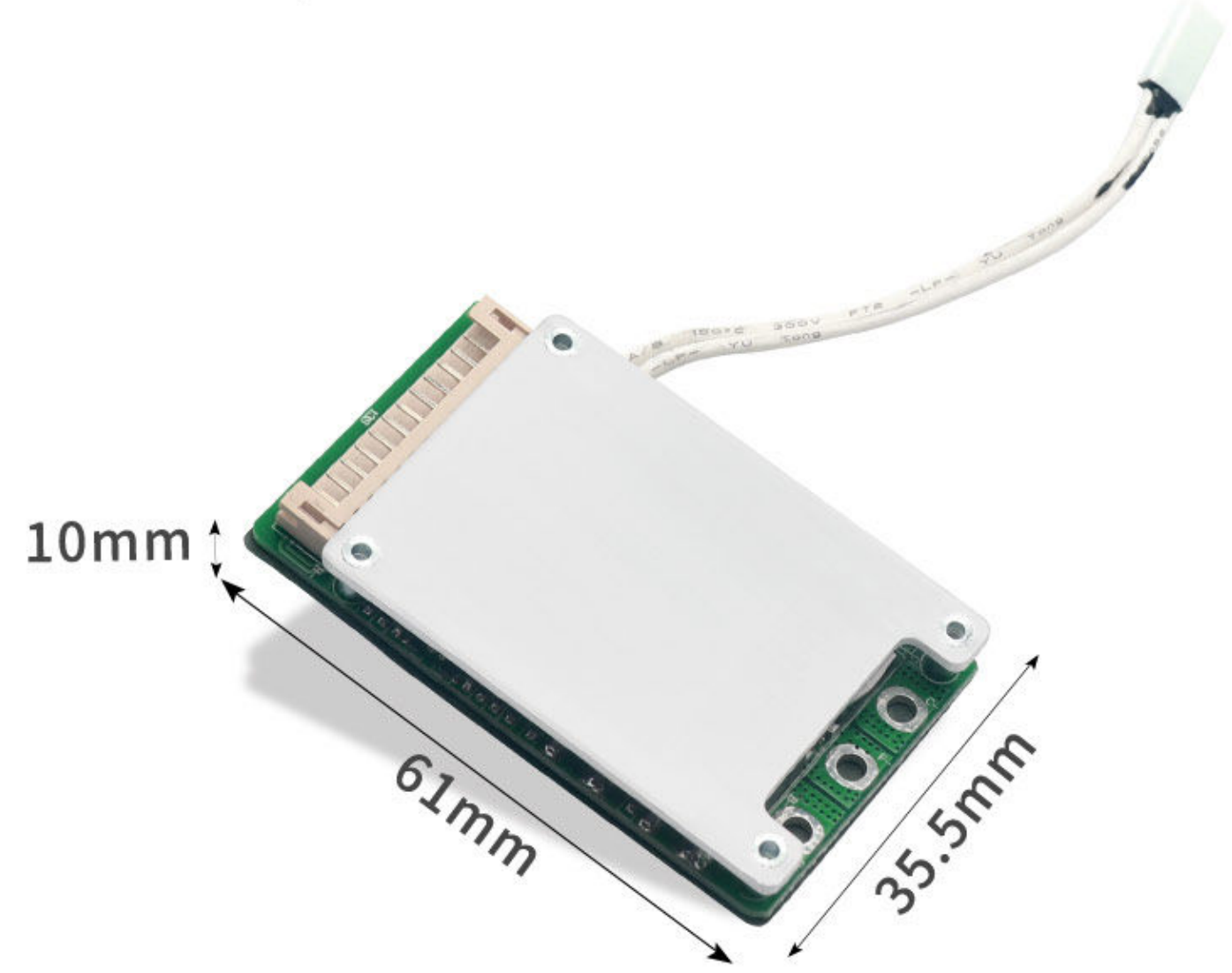
3~4S (210A~250A)

TDT BMS
 Buy BMS, choose TDT

Electric vehicle BMS

TDT-8359
 NW: 0.026kg

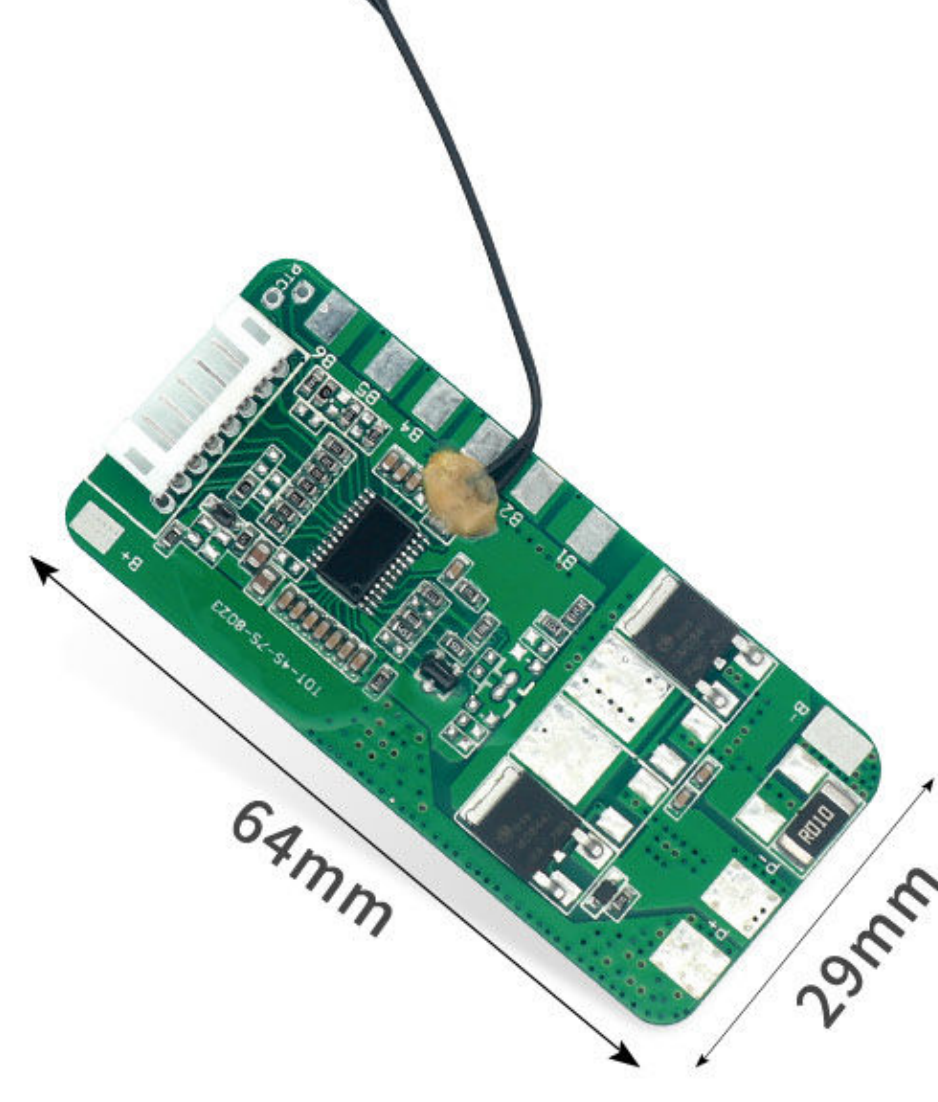
**Small in size*
**Temperature sensor*



3S~13S (5A~20A)

TDT-8023
 NW: 0.0245KG

**Temperature sensor*
**With balance*



4S~7S (5A~10A)

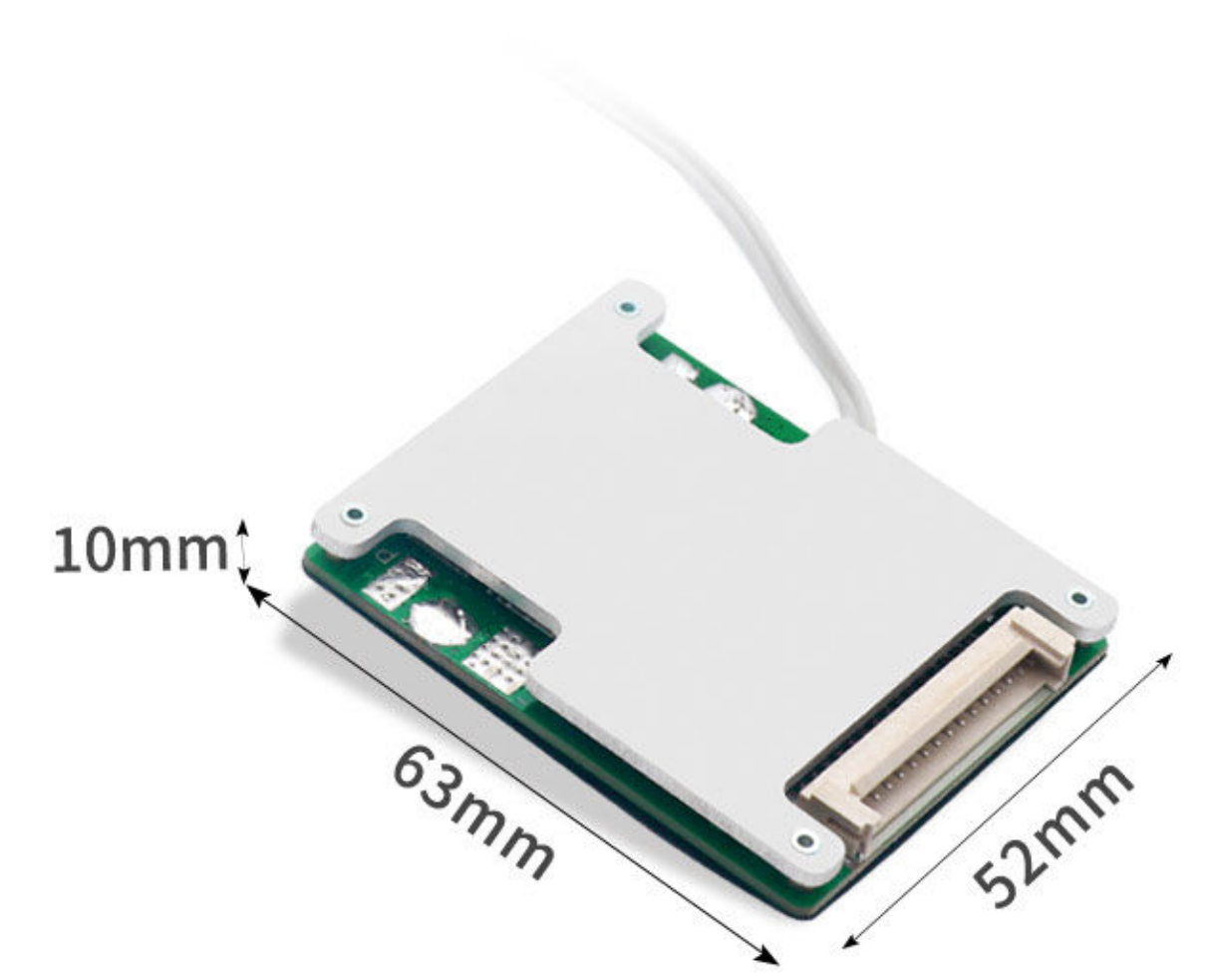
TDT-9027
 NW: 0.0676kg

**Temperature sensor*
**With balance*



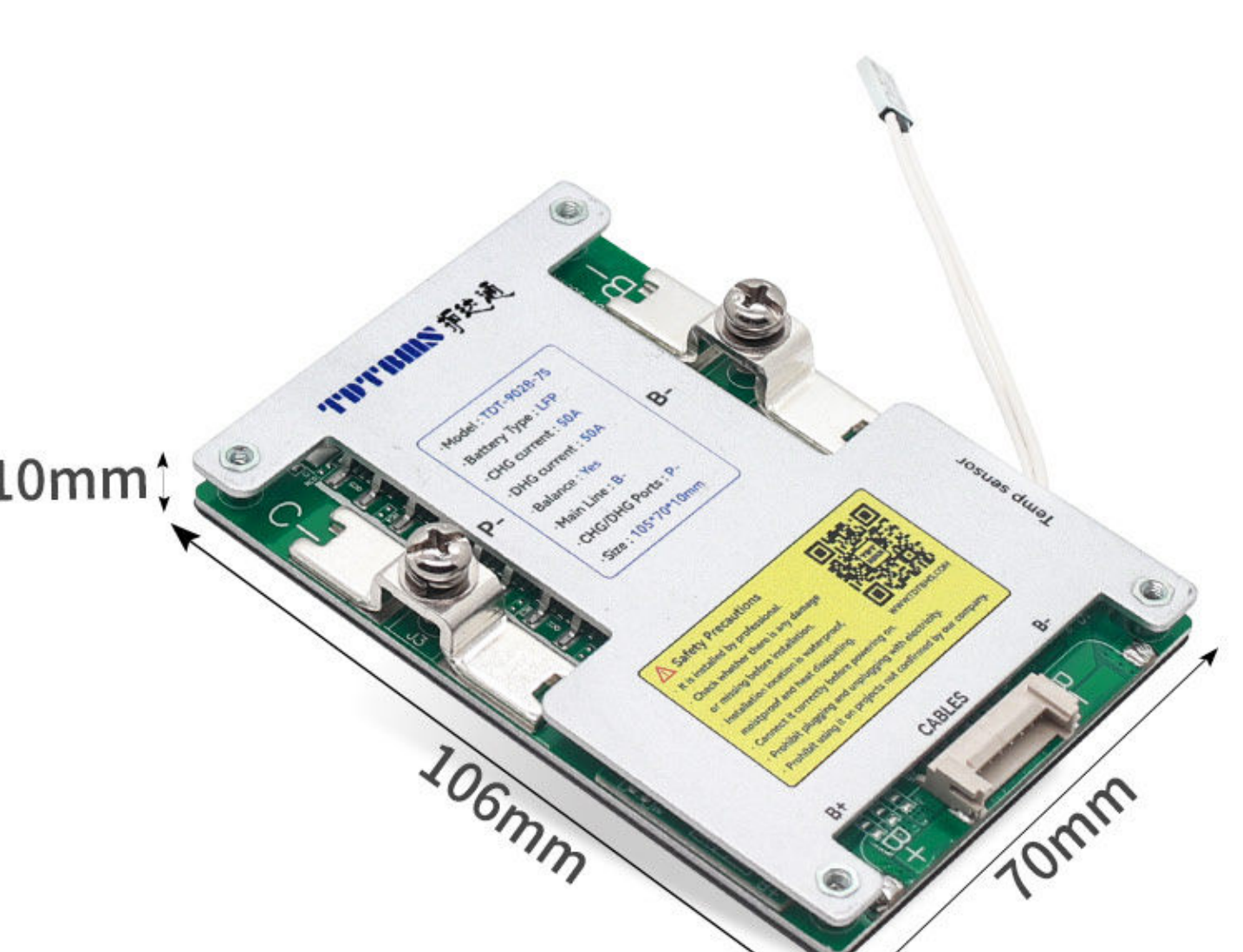
4S~7S (15A~30A)

TDT-8489B **Small in size*
 NW: 0.077kg **2 temperature sensors*
**With balance*



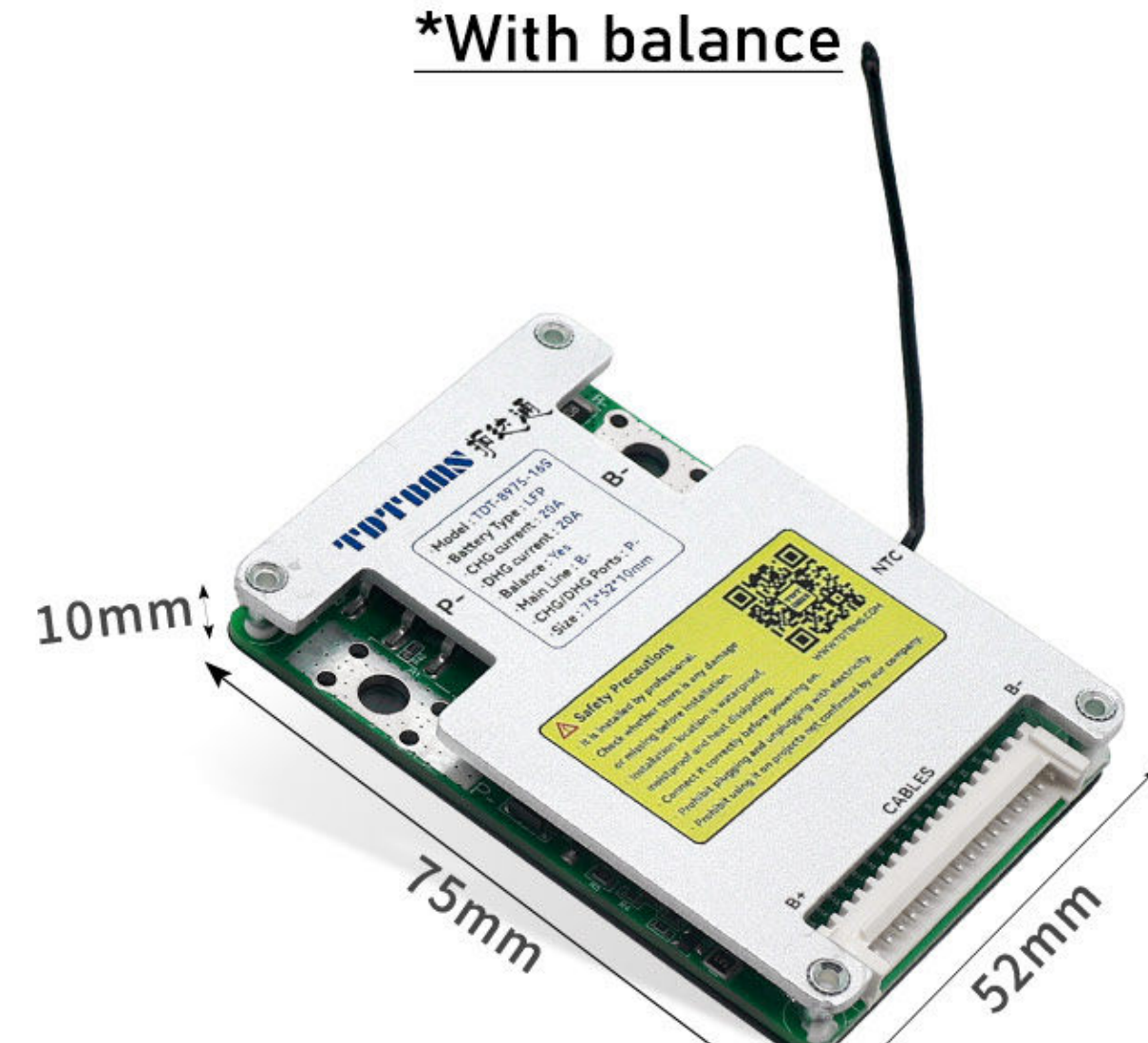
4S~16S (20A~40A)

TDT-9028 **On/off switch(customized)*
 NW: 0.143kg **2 temperature sensors*
**With balance*



5S~7S (50A)

TDT-8975 **Parameters adjustable(engineer)*
**On/off switch(customized)*
**Temperature sensor*
**With balance*



6S~16S (10A~25A)

TDT-8986 **Parameters adjustable(engineer)*
 NW: 0.115kg **On/off switch(customized)*
**Temperature sensor*
**With balance*



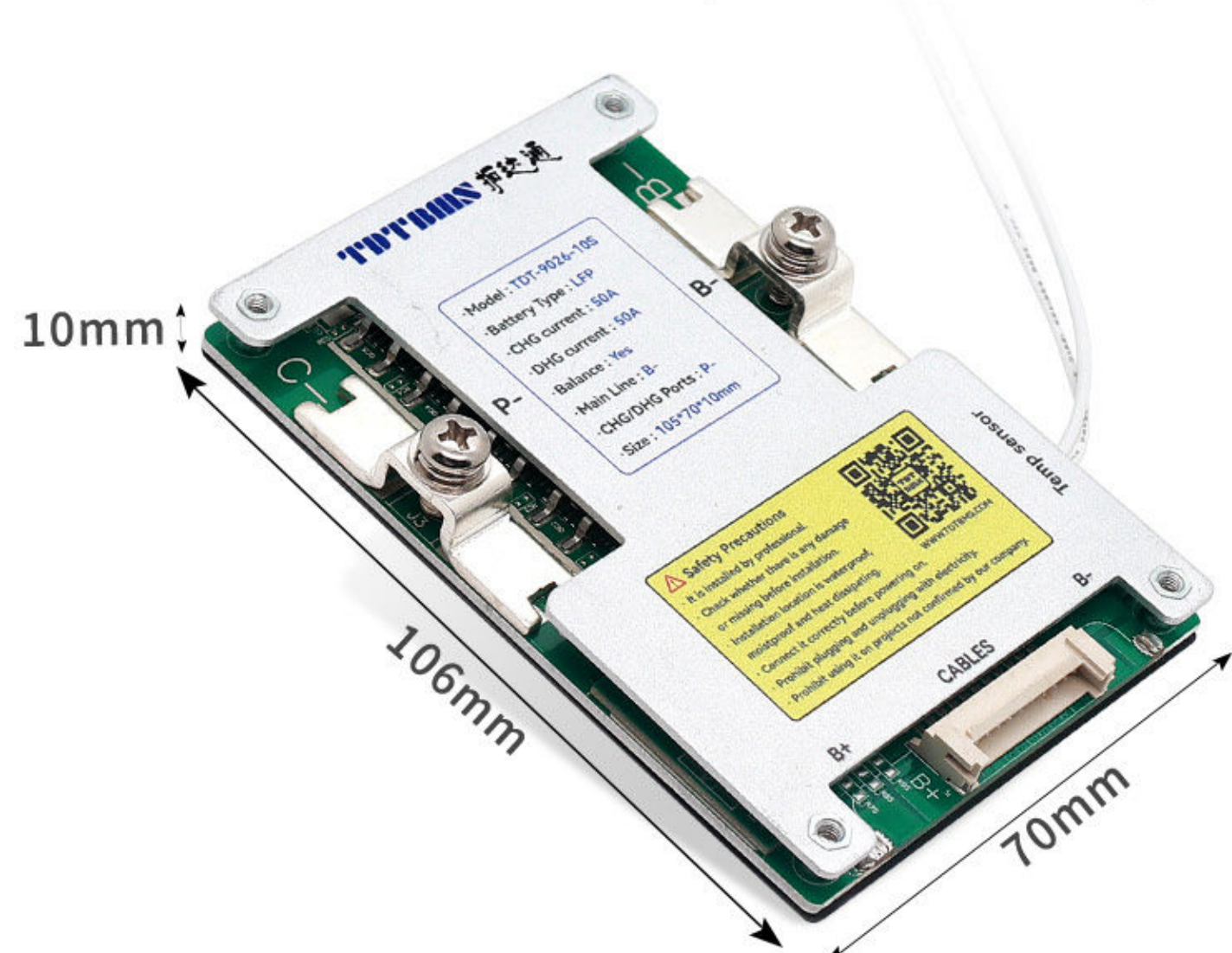
6S~16S (30A~40A)

TDT-9025 **Temperature sensor*
 NW: 0.069kg **On/off switch(customized)*
**With balance*



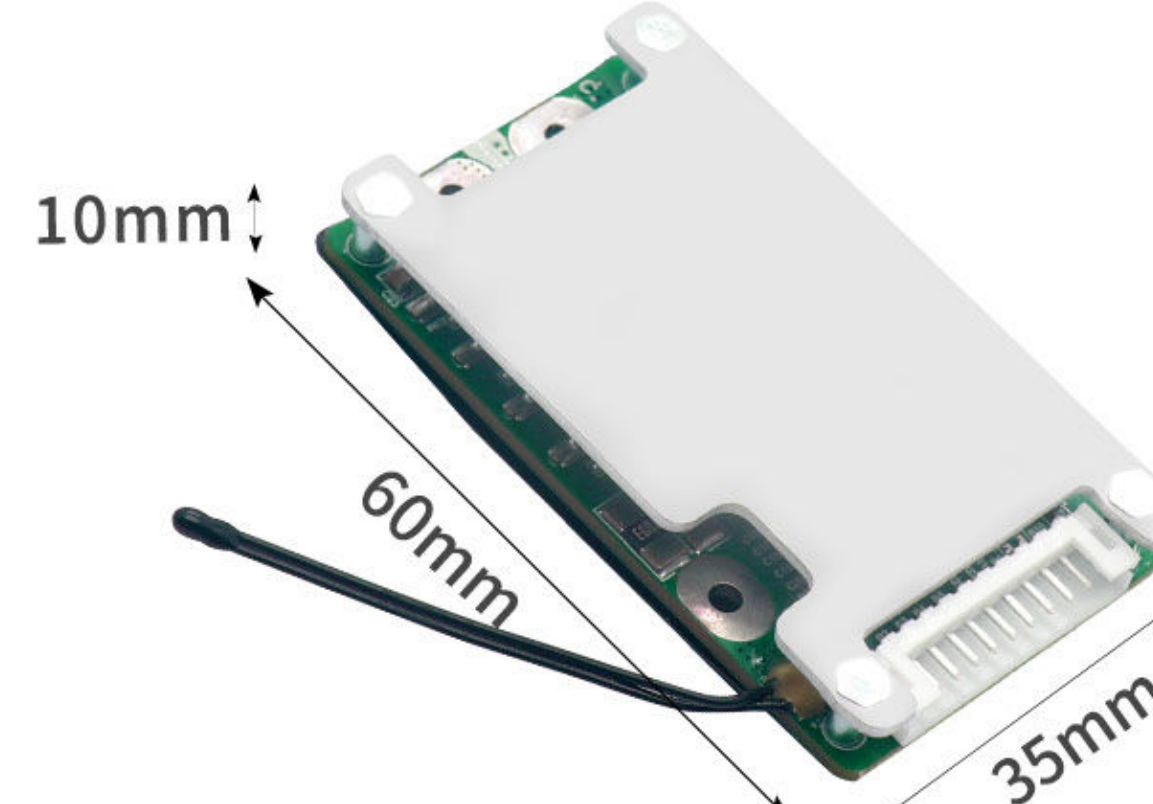
7S~10S (10A~30A)

TDT-9026 **On/off switch(customized)*
 NW: 0.154kg **Temperature sensor*
**With balance*



7S~10S (50A)

TDT-8625 **Small in size*
 NW: 0.05kg **Temperature sensor*
**With balance*
**Seperate port*



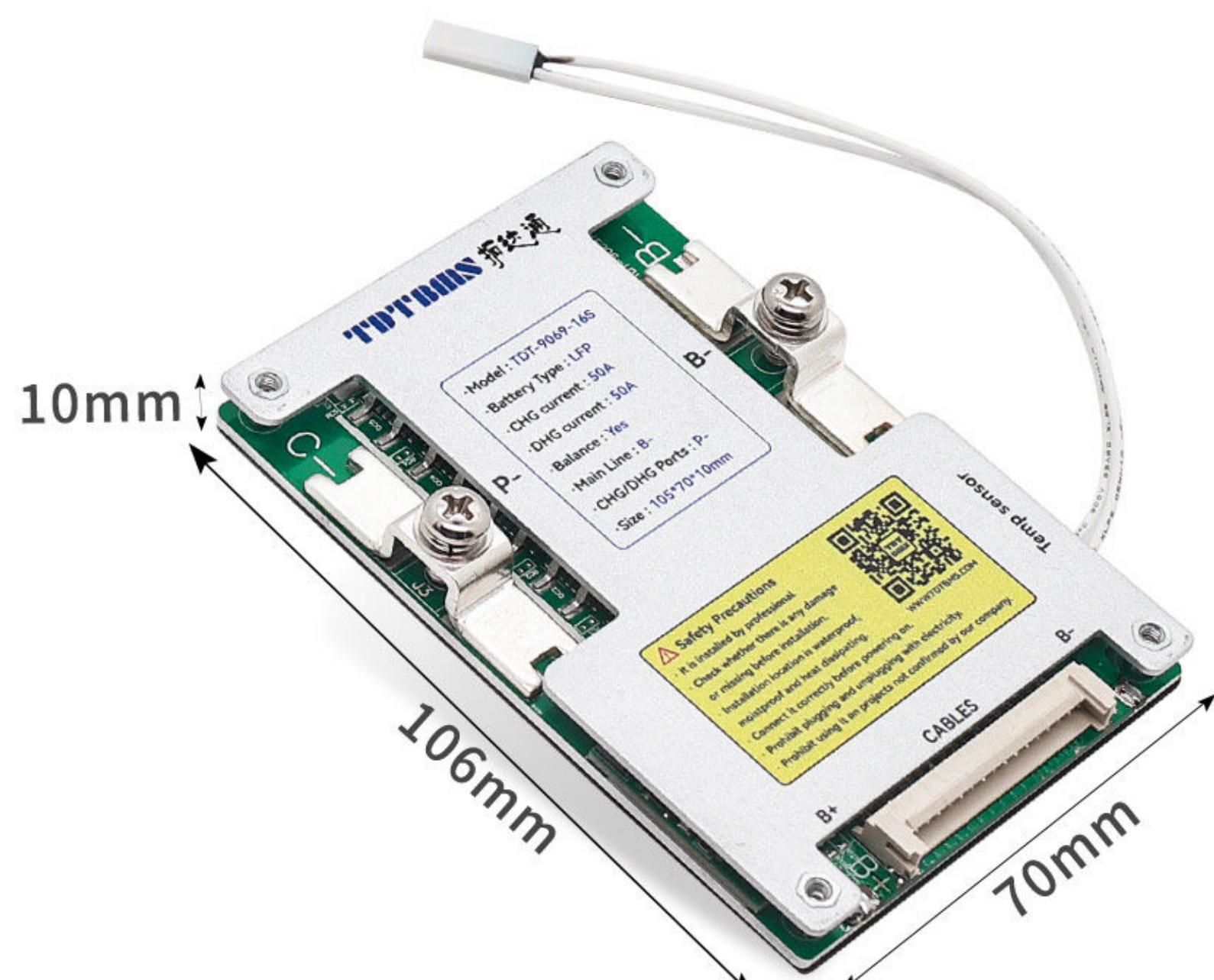
7S,8S,10S (CHG current 7A, DCHG current 20A)

TDT-9141 **Small in size*
 NW: 0.0516kg **Temperature sensor*
**With balance*
**Common port*



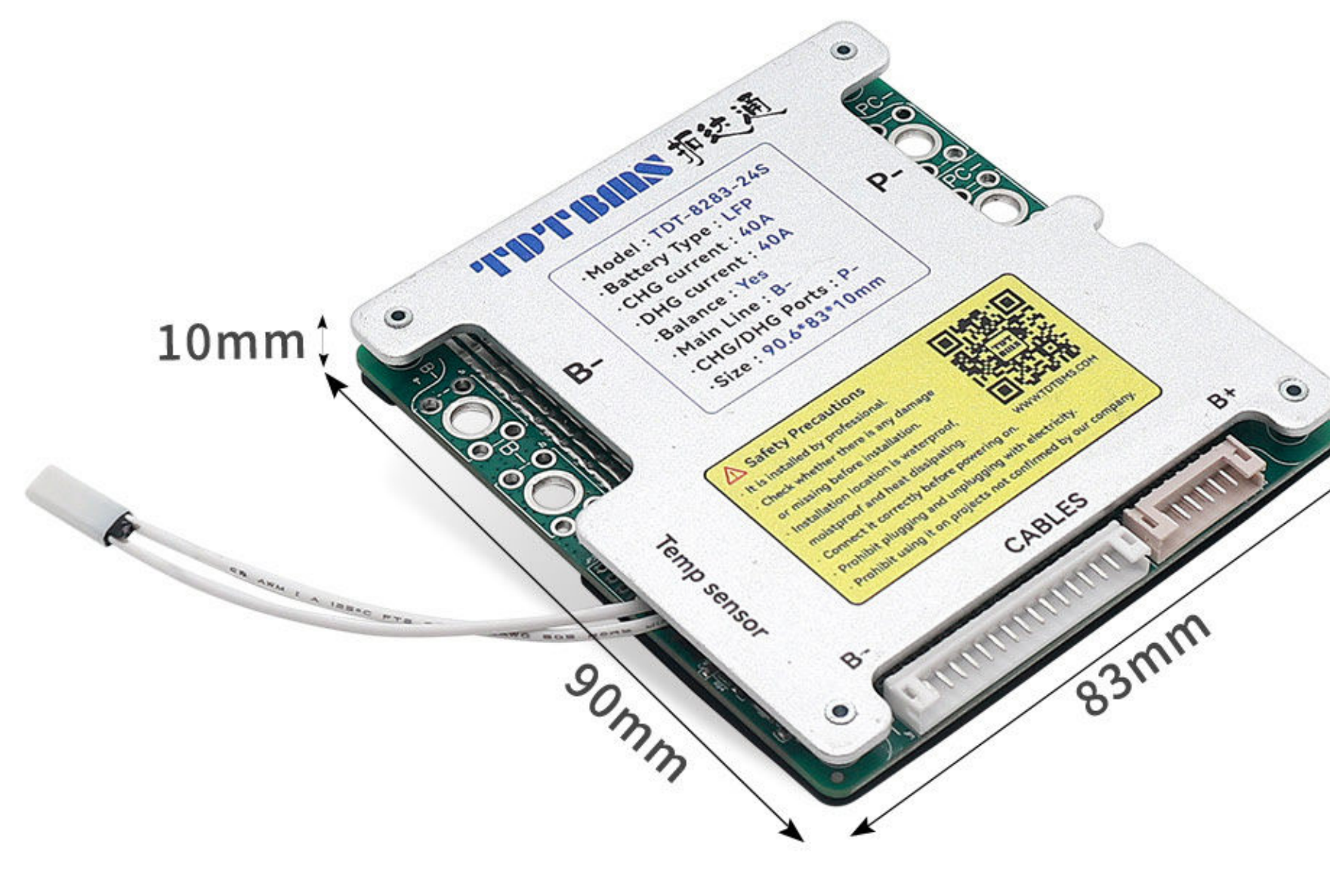
7S~10S (5A~20A)

TDT-9069 **On/off switch(customized)*
 NW: 0.214kg **2 temperature sensors*
**With balance*



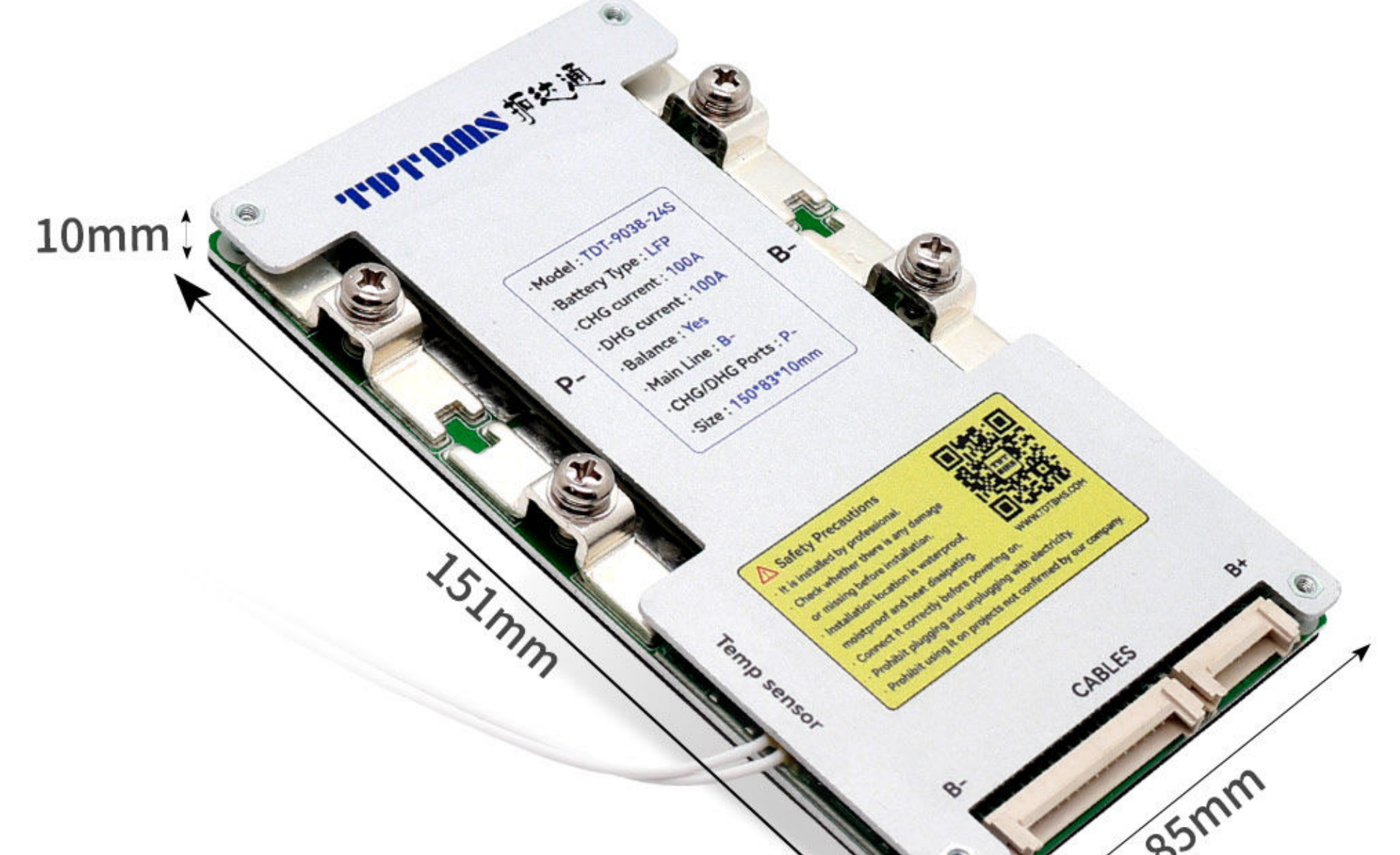
11S~16S (50A)

TDT-8283B **Parameters adjustable(engineer)*
 NW: 0.138kg **2 temperature sensors*
**With balance*



17S~24S (20A~40A)

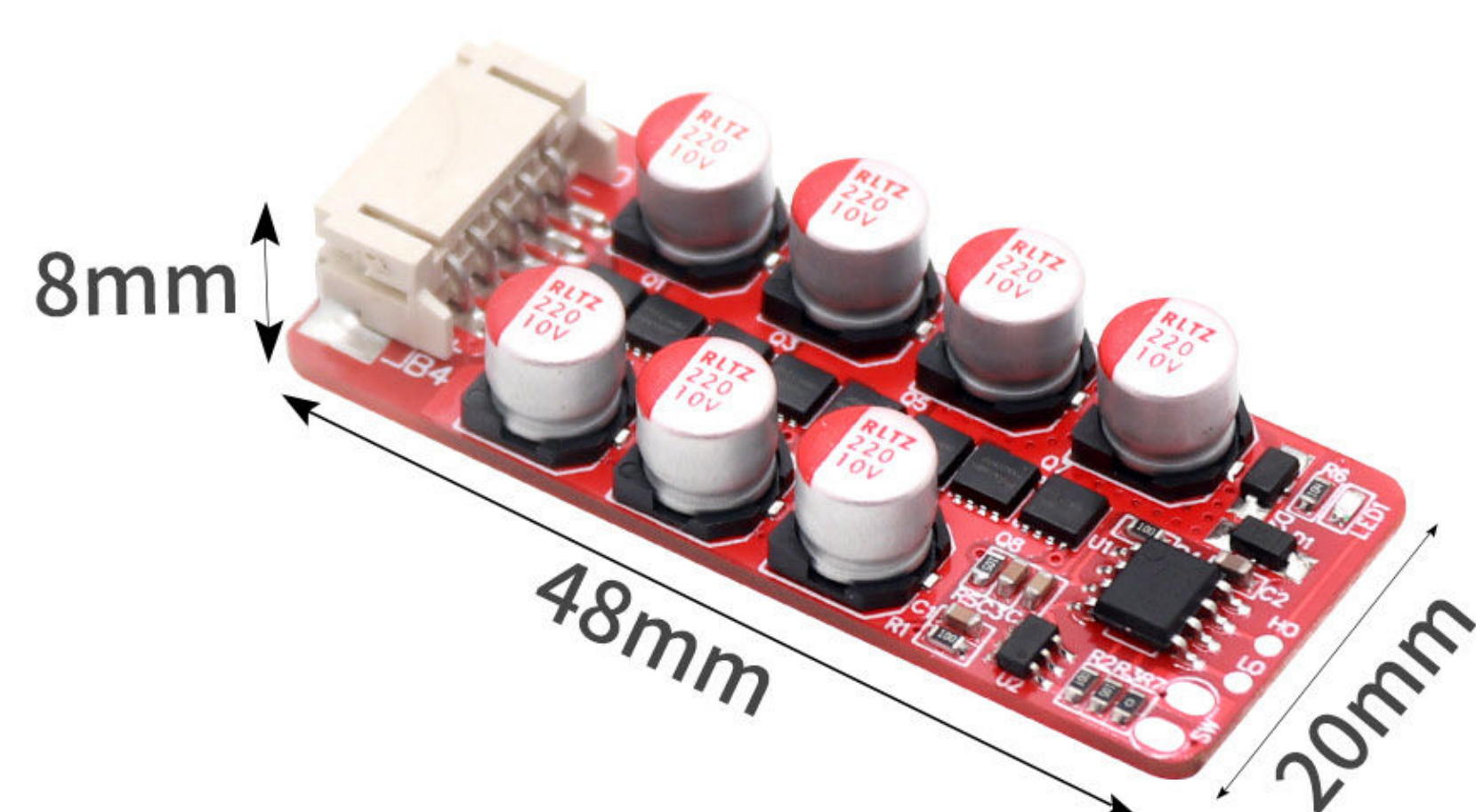
TDT-9038 **Parameters adjustable(engineer)*
 NW: 0.22kg **On/off switch(customized)*
**2 temperature sensors*
**With balance*



17S~24S (50A~100A)

Active balancer

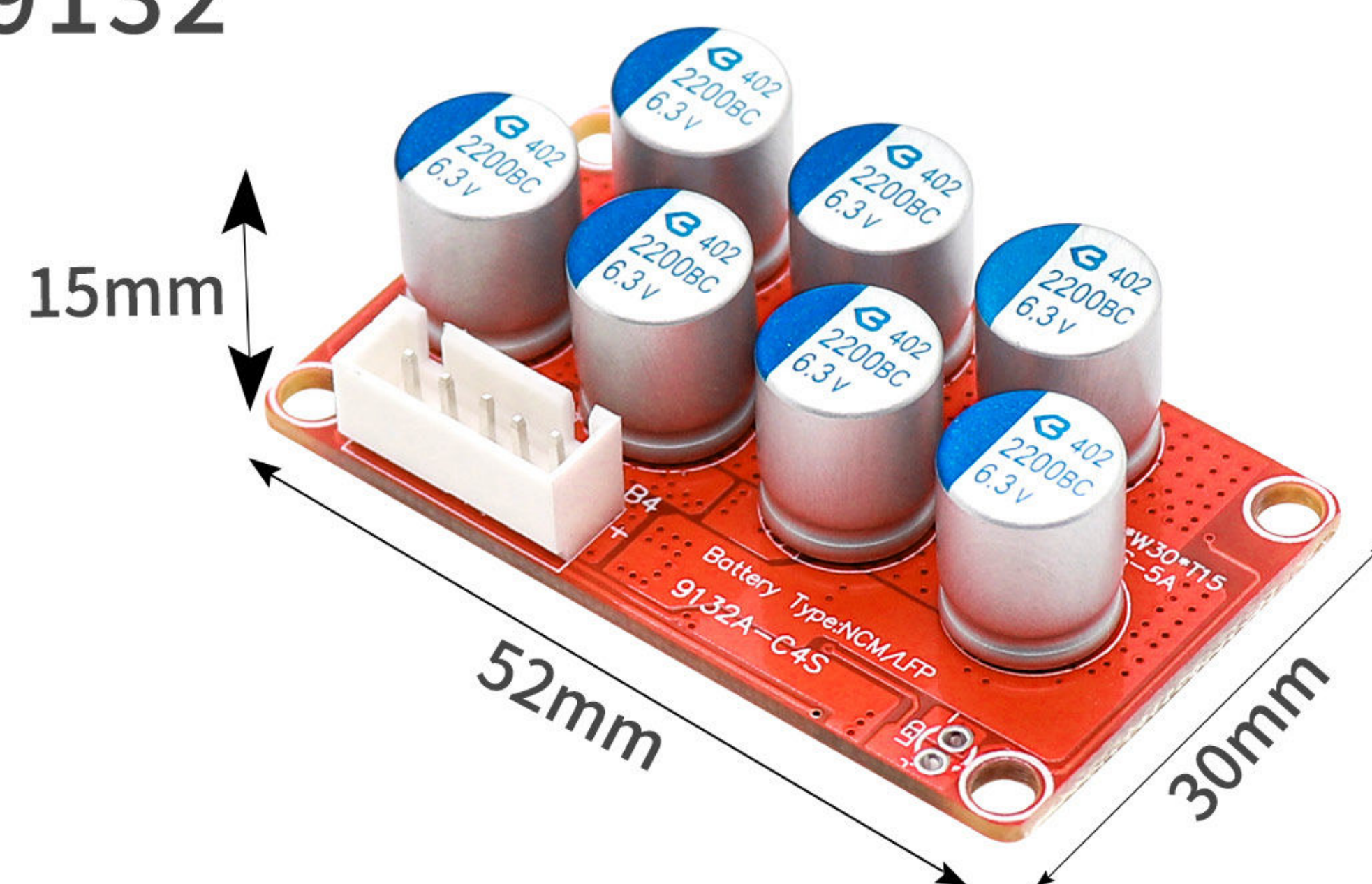
TDT-9219



Scope: 4S (1.5A)

NW: 0.0206kg

TDT-9132



Scope: 4S (5A)

NW: 0.0318kg

Other BMS

TDT-9009

*Temperature sensor
*With balance



Scope: 3S (5A~30A)

NW: 0.0224Kg

TDT-8949

*Temperature sensor
*With balance



Scope: 4S (30A~40A)

NW: 0.057kg

TDT-8930

*Temperature sensor
*With balance

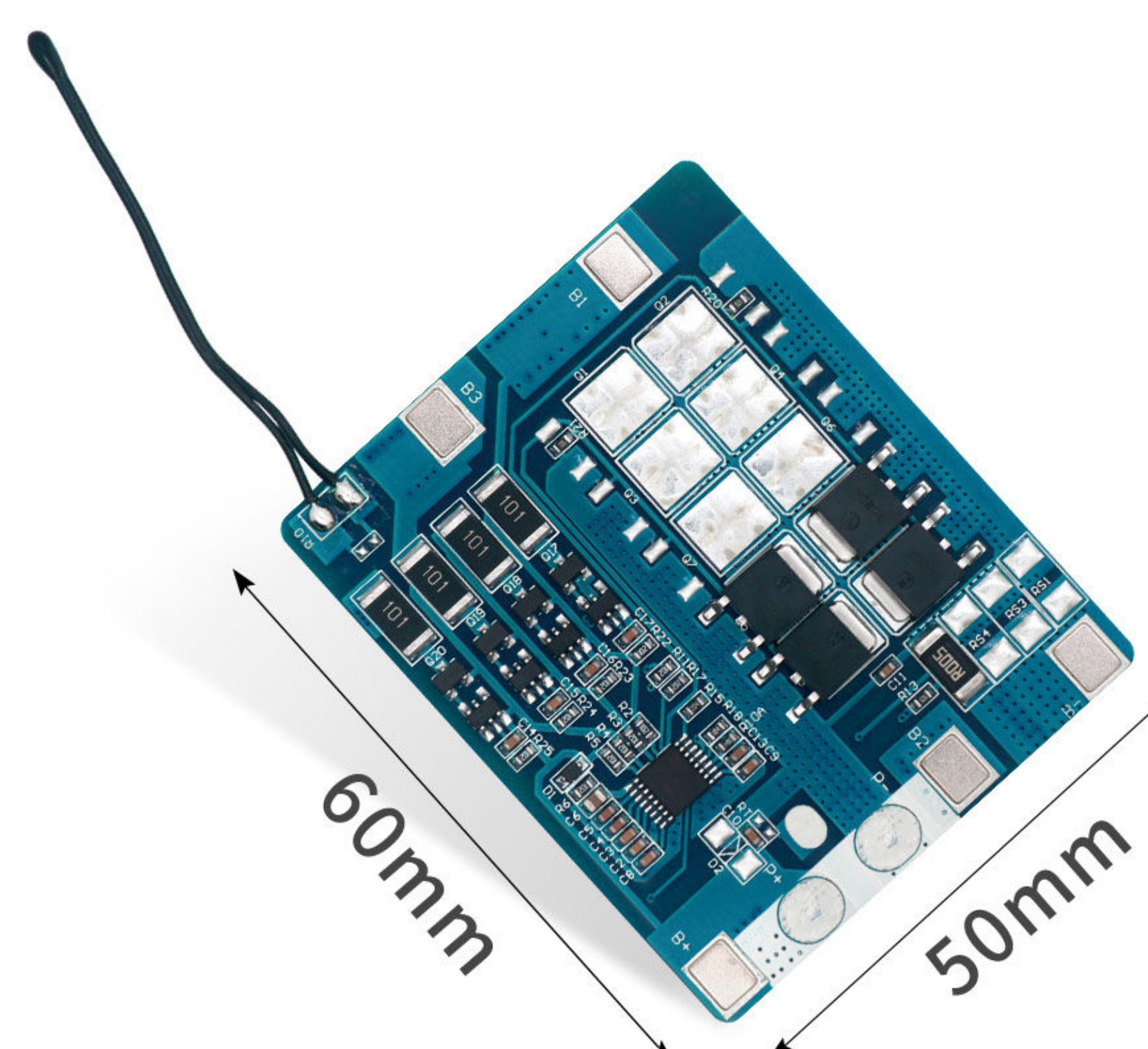


Scope: 4S (5A~30A)

NW: 0.0224Kg

TDT-8181

*Temperature sensor
*With balance



Scope: 4S (5A~25A)

NW: 0.017kg

Accessories section

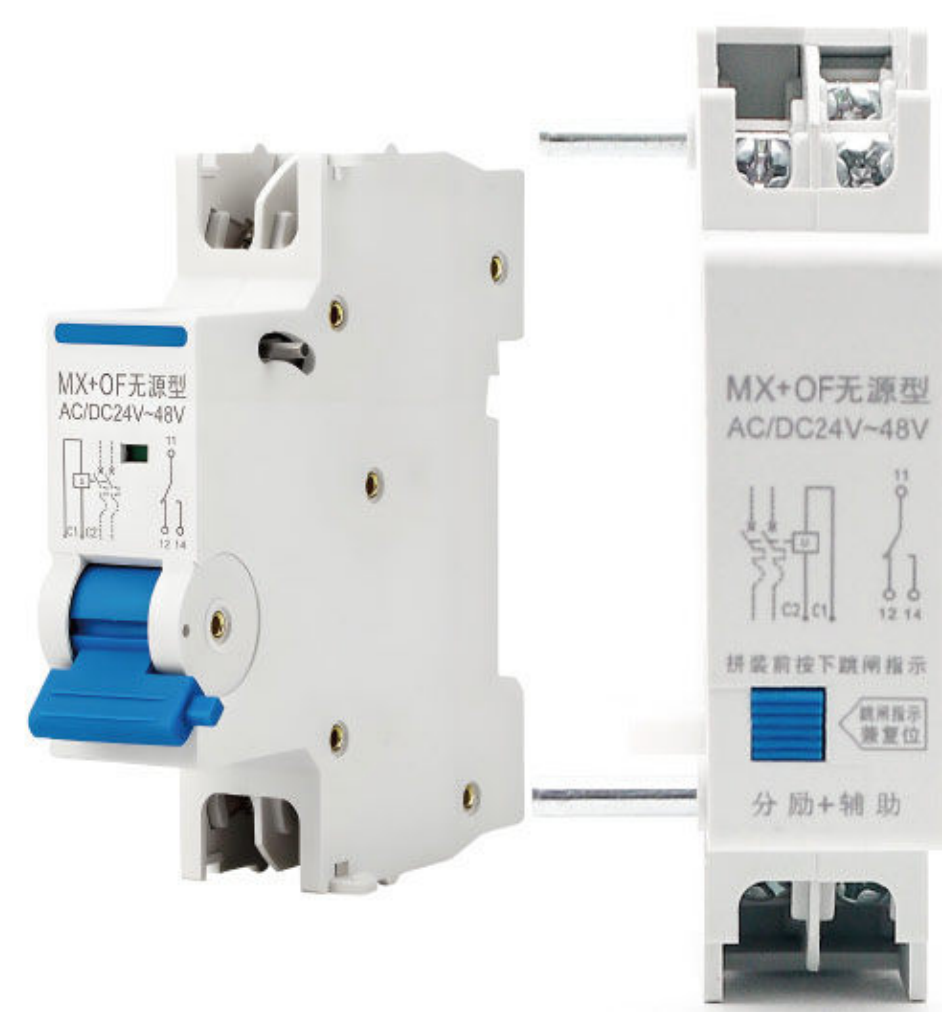
If you are interested in our accessories, please contact our online customer service



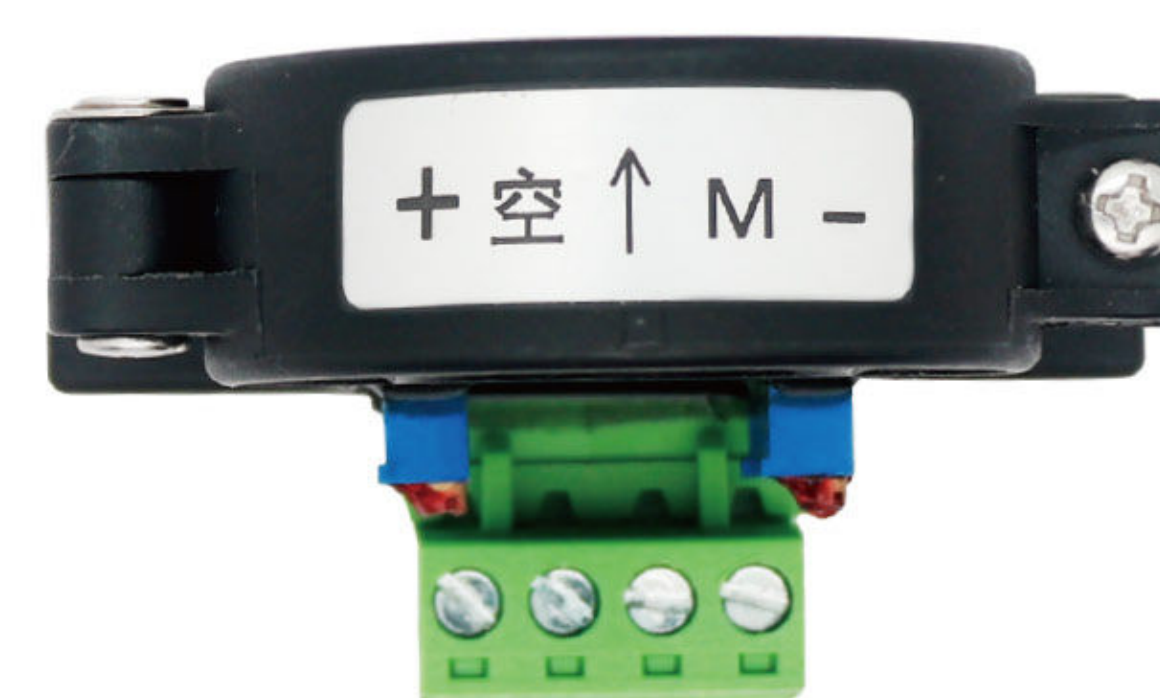
Load terminal



On/off switch



MX+OF
Shunt trip release

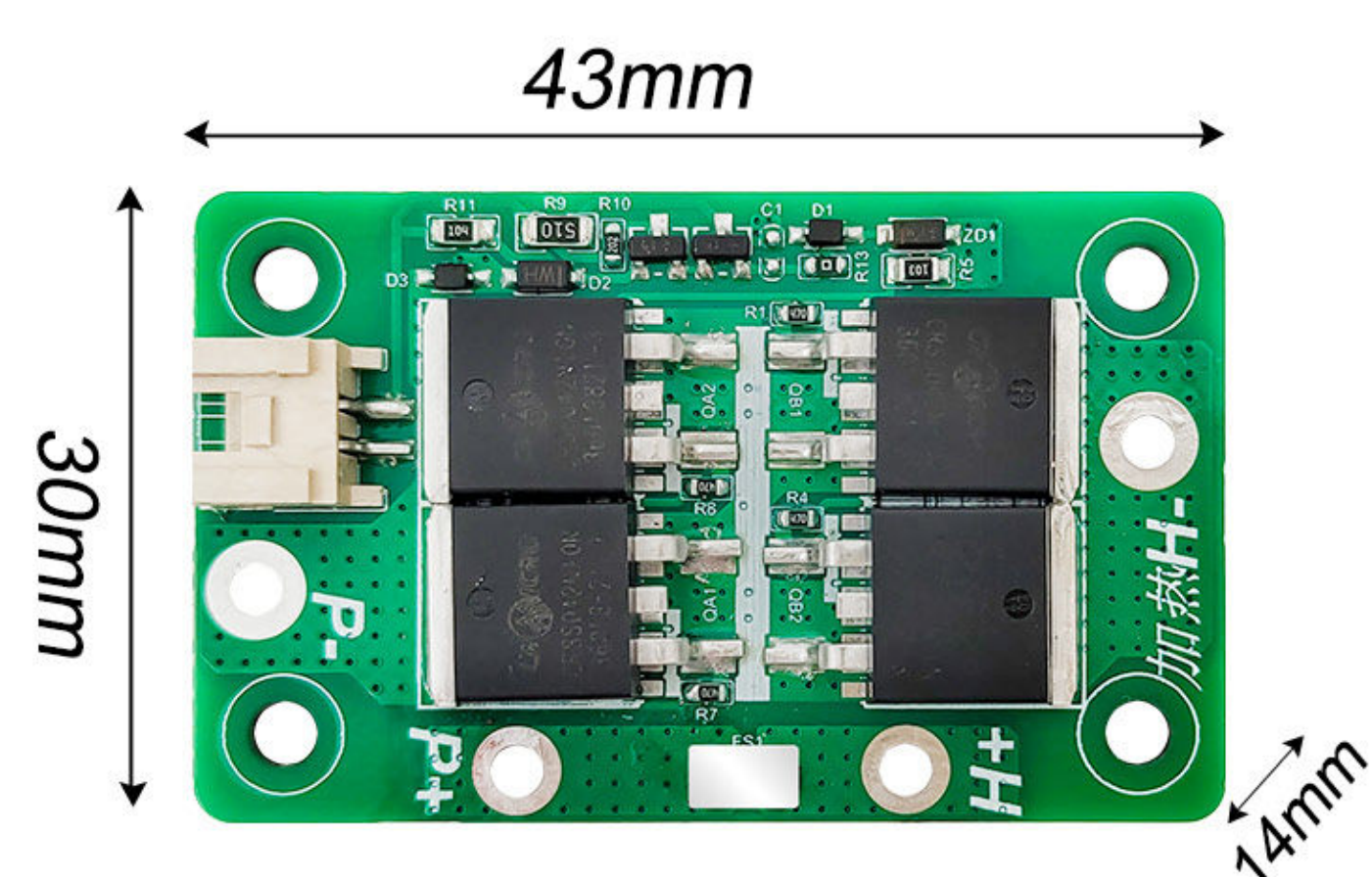


Hall sensor

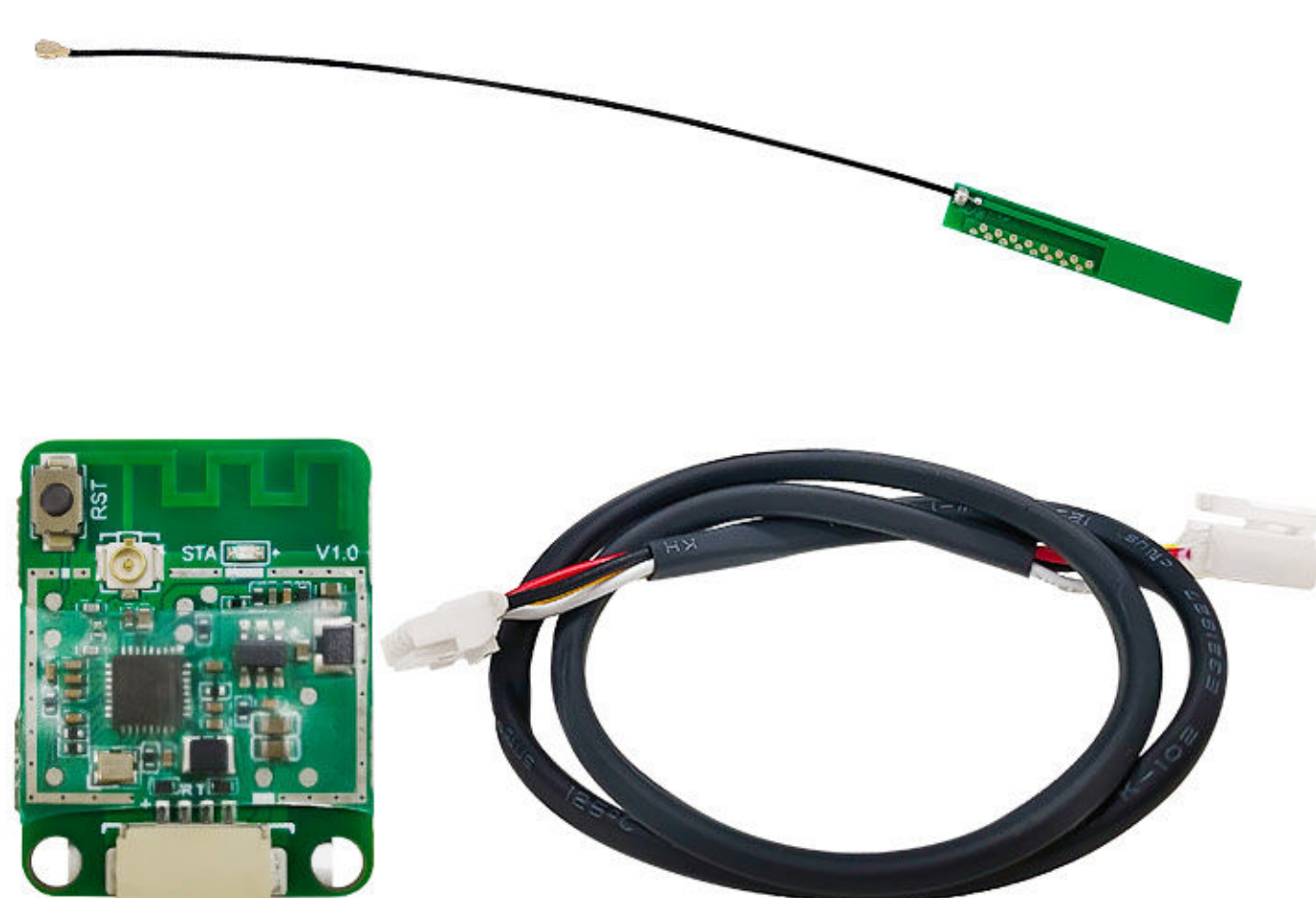


GPS module

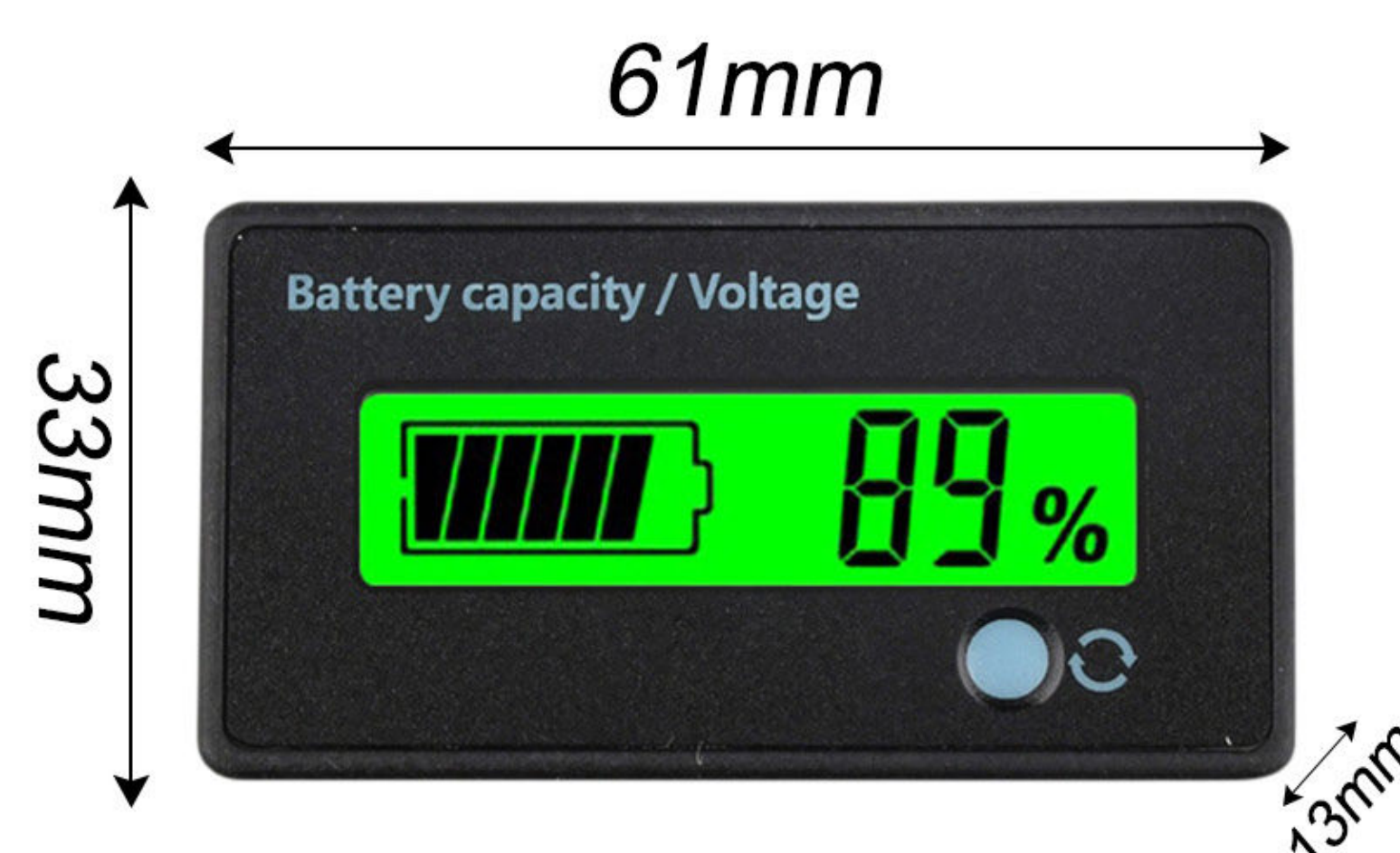
TDT-5008-HR



Heating module



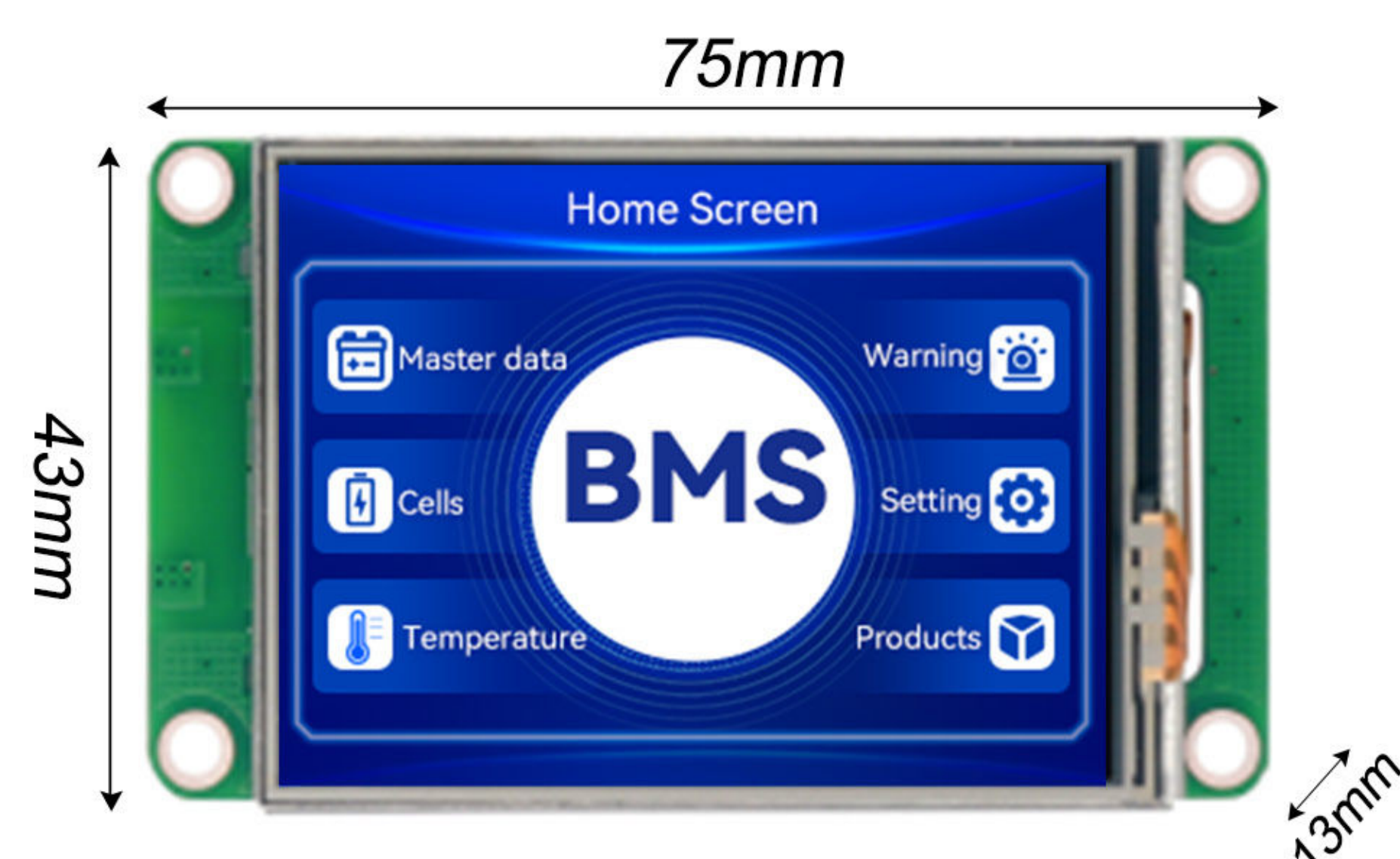
WIFI module



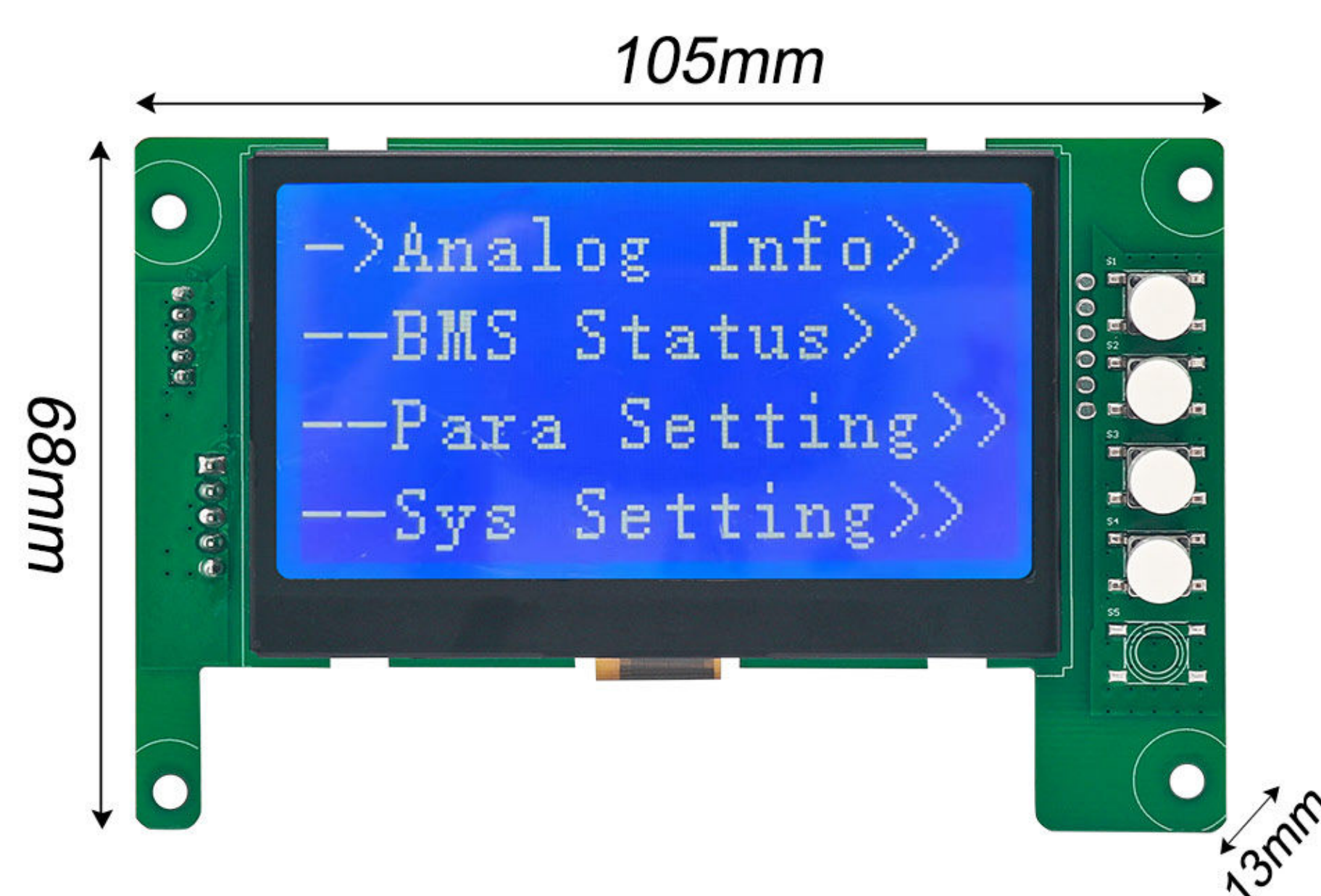
Battery-indicator
for hardware BMS



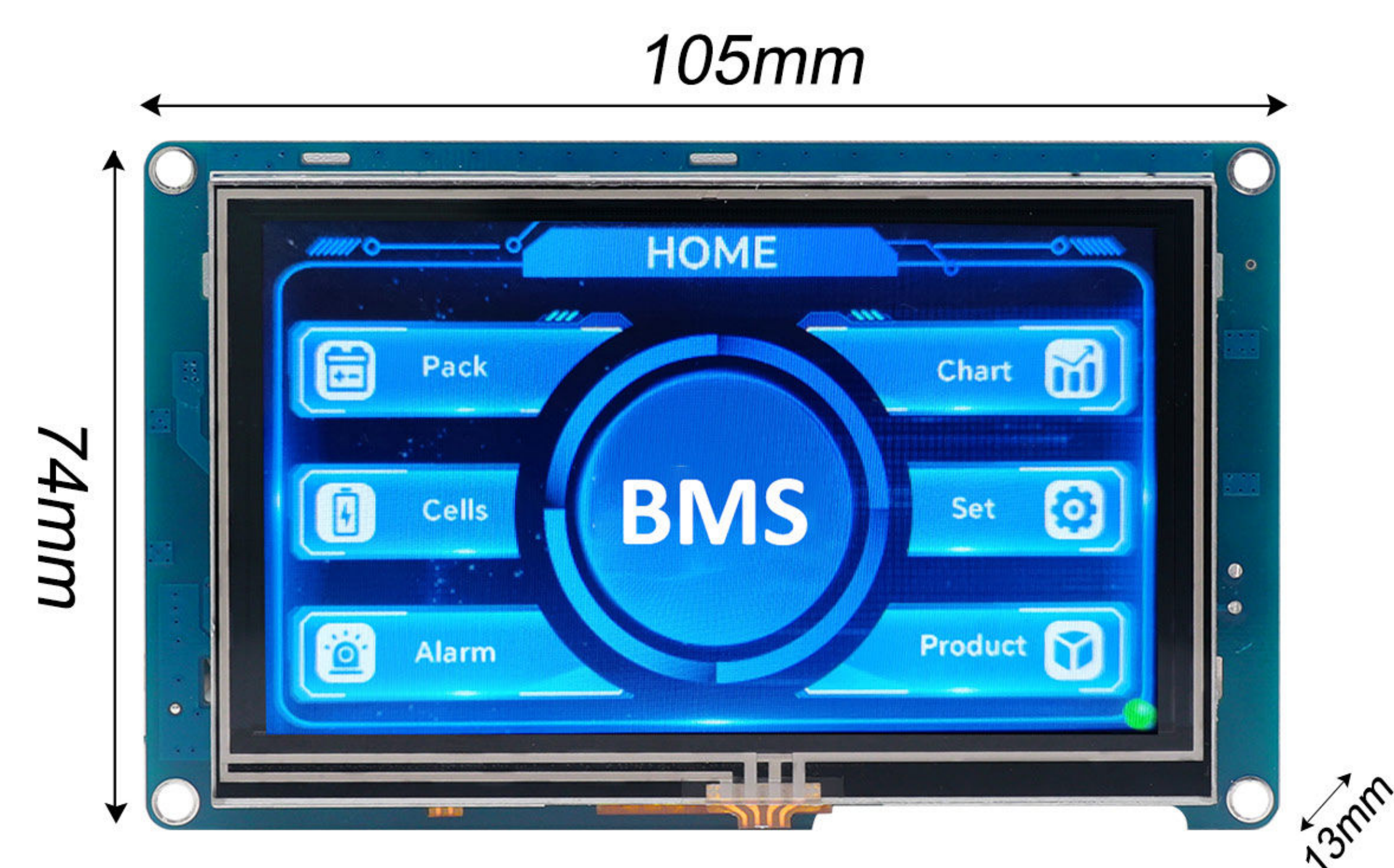
Coulombmeter
for smart BMS



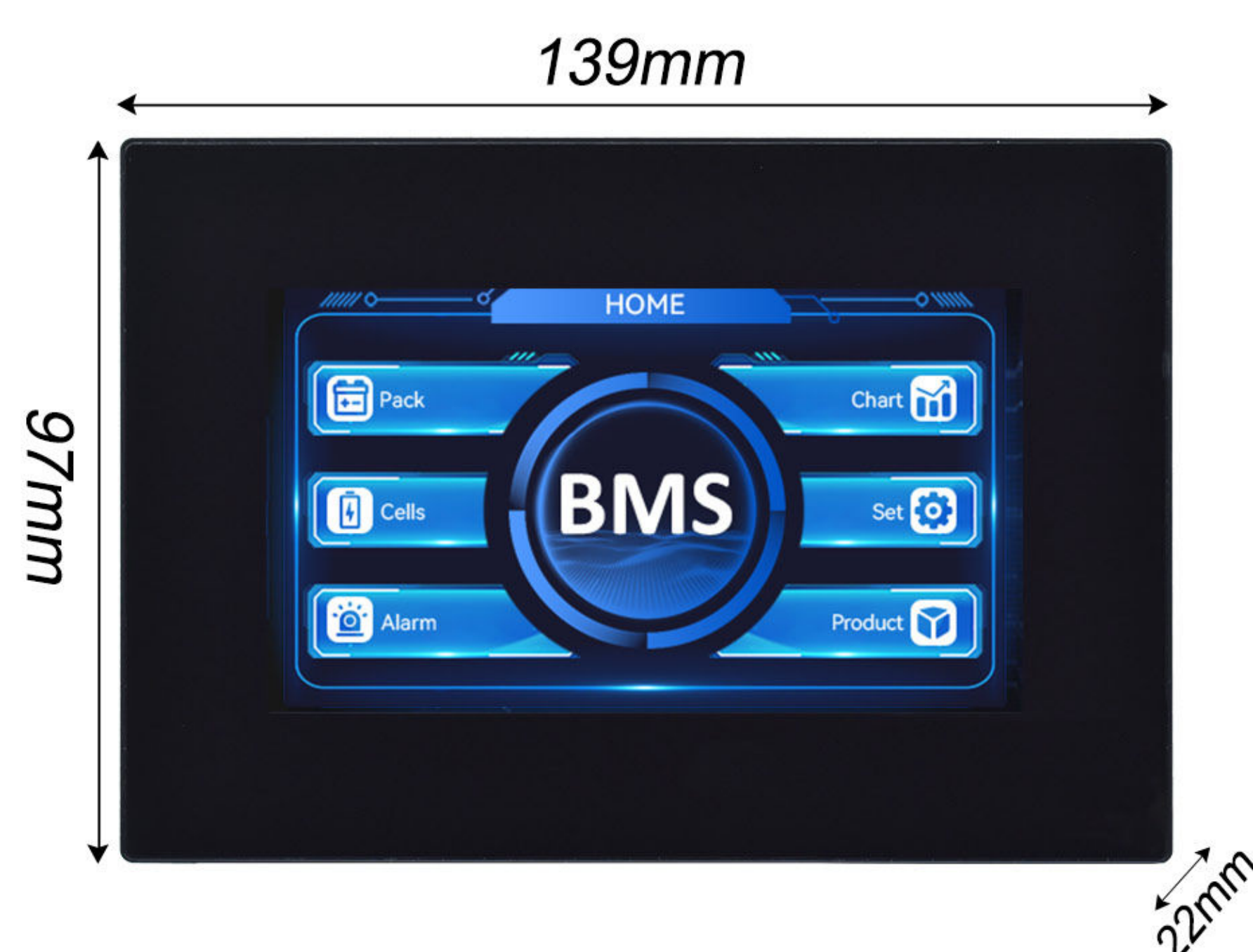
2.4" touch screen



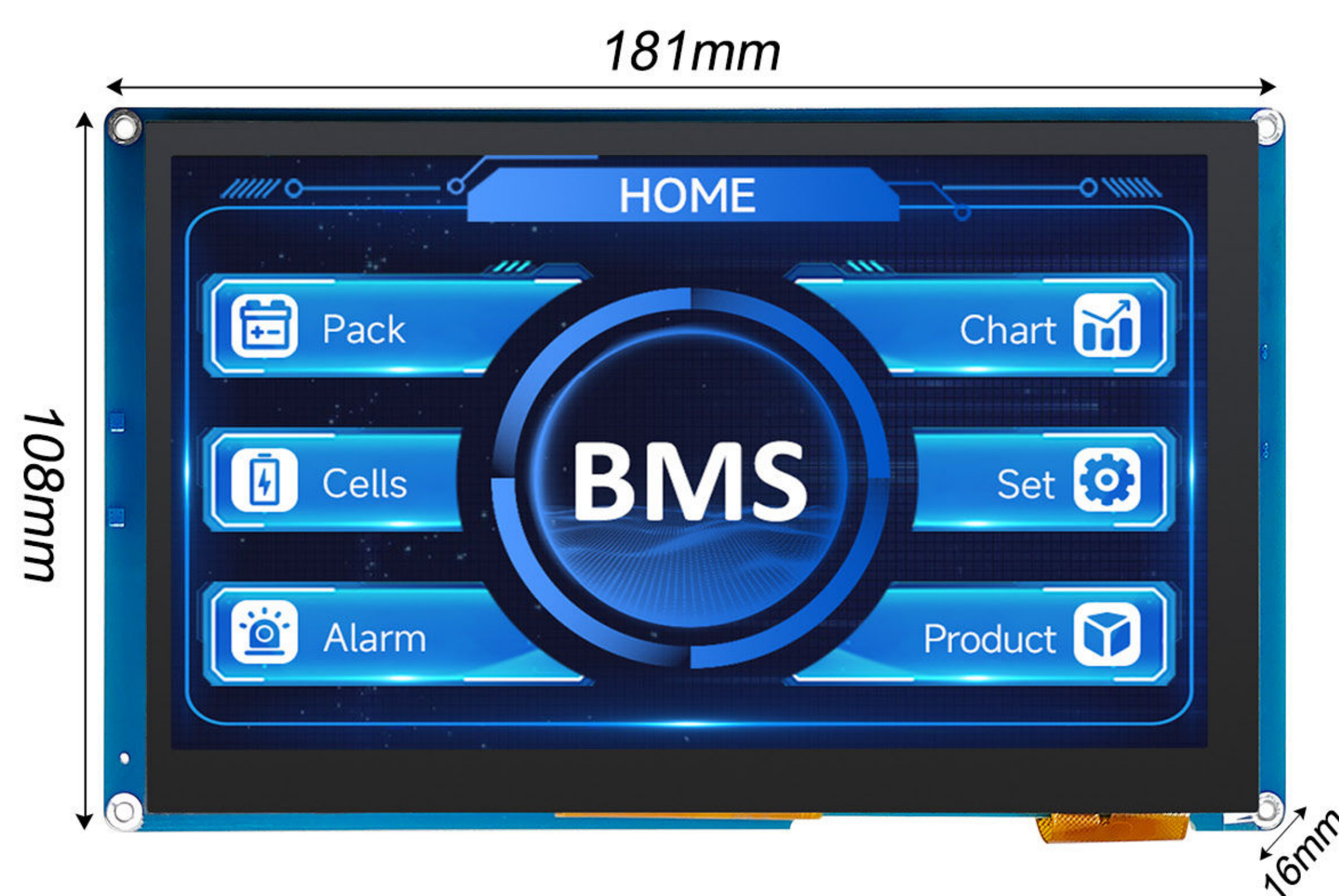
Key Screen



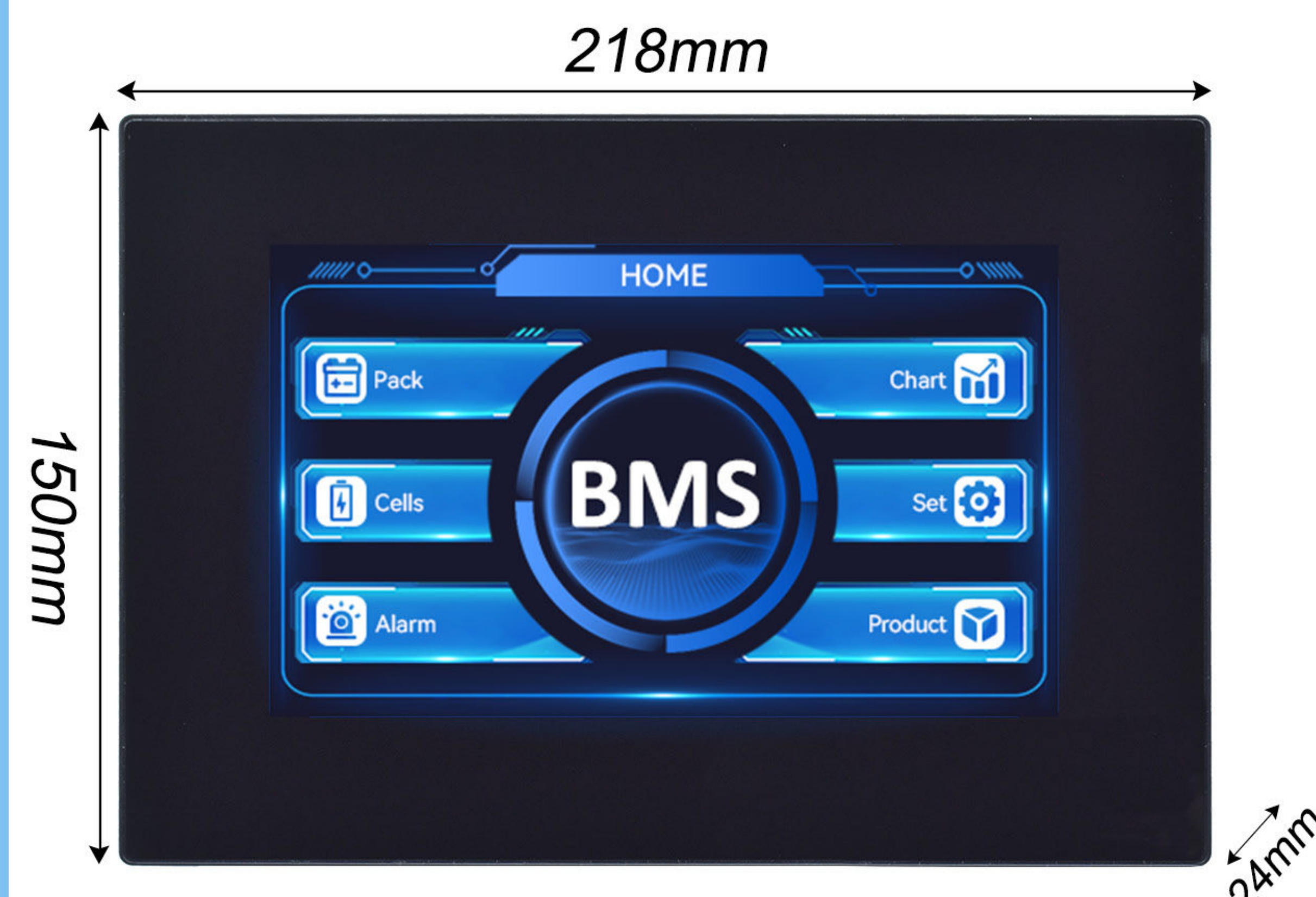
4.3" touch screen



4.3" touch screen
(With case)



7" touch screen



7" touch screen
(With case)