

SHENZHEN SMARTEC TECHNOLOGY CO.,LTD

(DONGGUAN SMARTEC NEW ENERGY TECHNOLOGY CO.,LTD)

Professional Manufacturer of BMS & Lithium battery packs since 2007

The Solution you need, The Performance you demand



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Professional Manufacturer of BMS & Lithium battery packsc

The Solution you need, The Performance you demand

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WHO WE ARE

01

Professional Manufacturer of BMS & Lithium battery packs

One-stop Solution To Save You Cost & Time

Founded in 2007, is a hi-tech enterprise engaged in r&d,design, manufacture ,And sales of standard battery protection circuits (PCM/BMS), Intelligent battery management system (BMS) ,And customized battery pack for lithium ion.

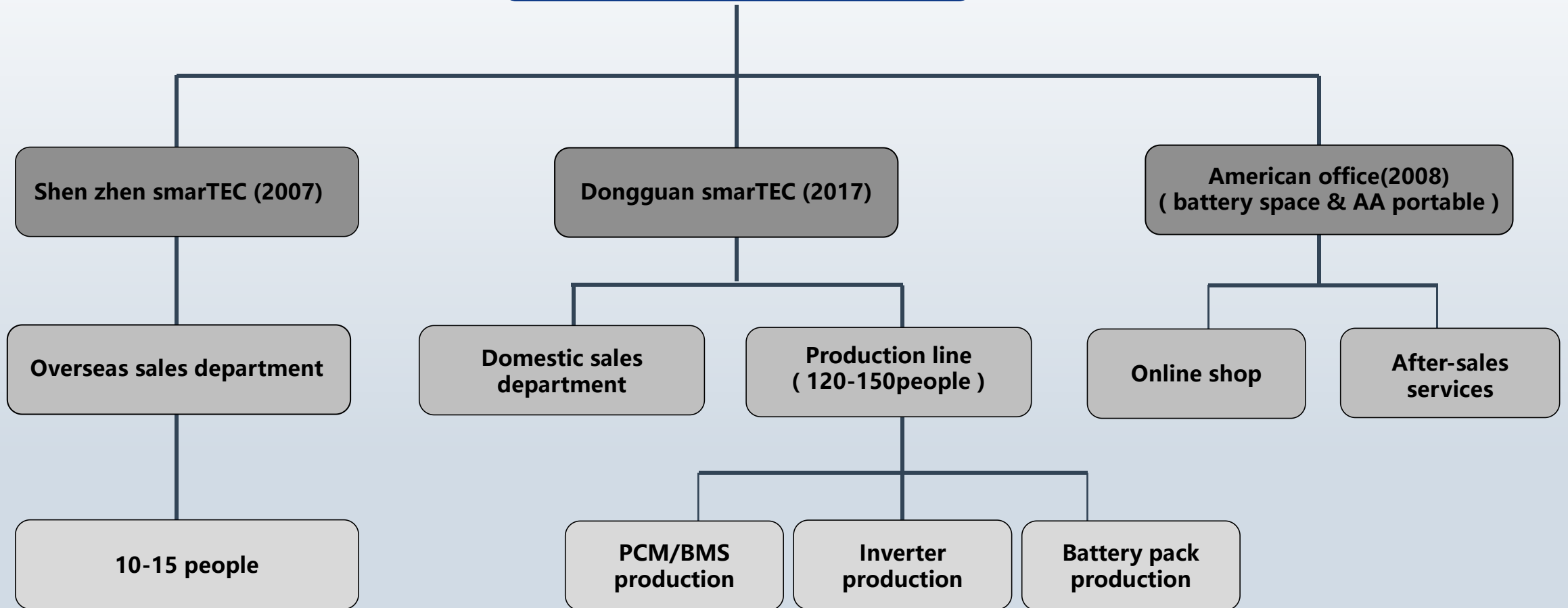
Through years of rapid growth, SmarTec has successfully designed more than 1000 types of protection circuits PCM/BMS in all shapes and sizes applied to 1S-32S lithium ion battery packs, including normal battery protection board with standard functions, smart bms with communications (Smbus, I2C Bus,Modbus, Canbus, RS485, RS232,UART, HDQ interface) ., fuel gauge detection board, and BMS For Lead acid replacement battery, etc.



SMARTEC PRODUCTS DEVELOPMENT HISTORY



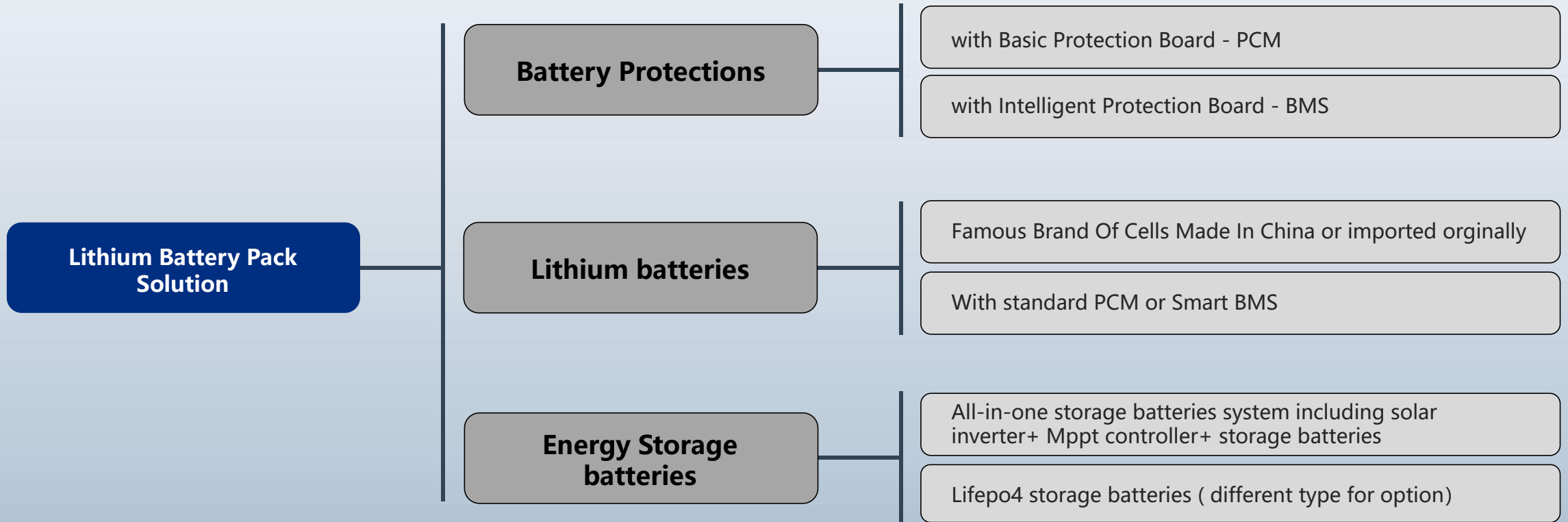
SmarTEC Group



WHAT WE OFFER

(SPECIALLY FOR LITHIUM ION BATTERY APPLICATIONS)

02



1). BATTERY PACK

Professional Manufacturer of BMS & Lithium battery packs

Brand cells + High quality BMS developed by ourselves
+ Professional Assembly Technique

To Ensure you a Reliable Quality & Good Performance &
Competitive Price

CUSTOMIZED

- Specialized in making the Li-ion batteries, LiFePO4 batteries
- Make design based on different applications
- With high quality PCM/BMS
- Brand cells: originally package from Japan, Korea, France, or made in china.
- Long cycles to ensure a long life
- High energy density
- Relatively low self-discharge
- Improved safety environment * light in weight and easy to carry



2).ENERGY STORAGE BATTERIES / (ESS)

Top Brand Cells, Grade A Quality

- All around protection
- Power wall and 4U Rack mounted case design for optional
- Smart BMS supports communication with different brand of hybrid inverter

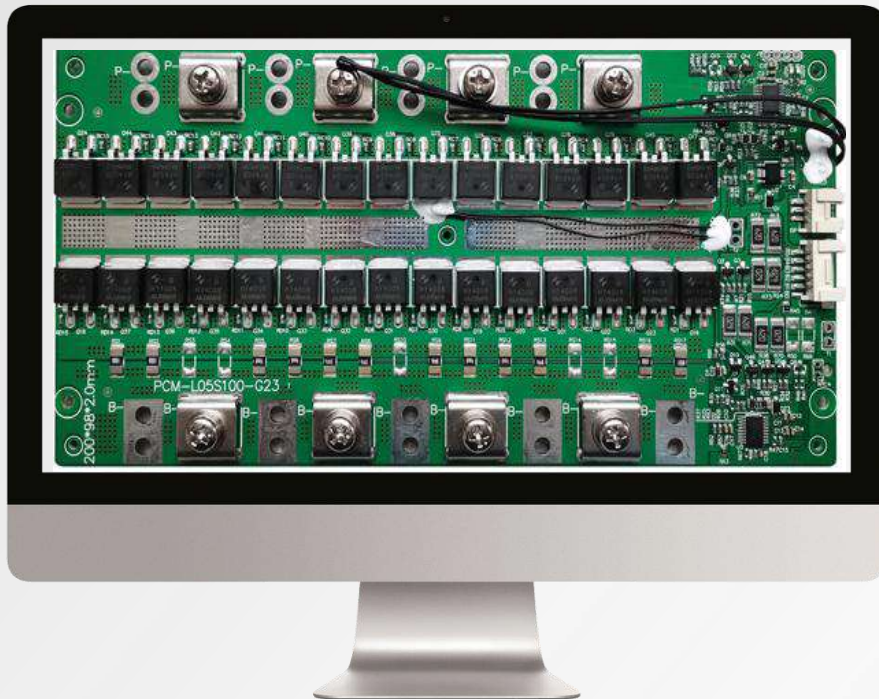
Main Features

- High density, small size and weight
- Cells cycle times ≥ 5000 cycles
- Long lifespan: 5 years warranty, 10+ life design
- Big discharge current: 100A continuous, 200A max (1 second), Suitable for solar system.
- Smart BMS system to optimize the performance
- Communication: RS485/CAN, compatible with different brand of solar inverter



3).PCM&BMS

Professional Manufacturer of BMS & Supports 1-32 series



- Over charge protection (over high charge voltage)
- Over discharge protection (over low discharge voltage)
- Over current protection
- Short-circuit protection
- Cell balance function (Optional)
- Over temperature protection (Optional)
- Max. charge current as a charge current limit (CCL)
- Max. discharge current as a discharge current limit (DCL)
- Produced with brand IC (Seiko from Japan, Ricoh from Taiwan..)

The PCM is to be connected for protecting the Rechargeable lithium Batteries , including L-iion/Li-polymer/Lifepo4. it will produced with high quality IC and MOSFET, such as Seiko IC of Japan, Ricoh IC of Taiwan, and so on.

PRODUCTS APPLICATIONS

One-stop Solution To Save You Cost & Time

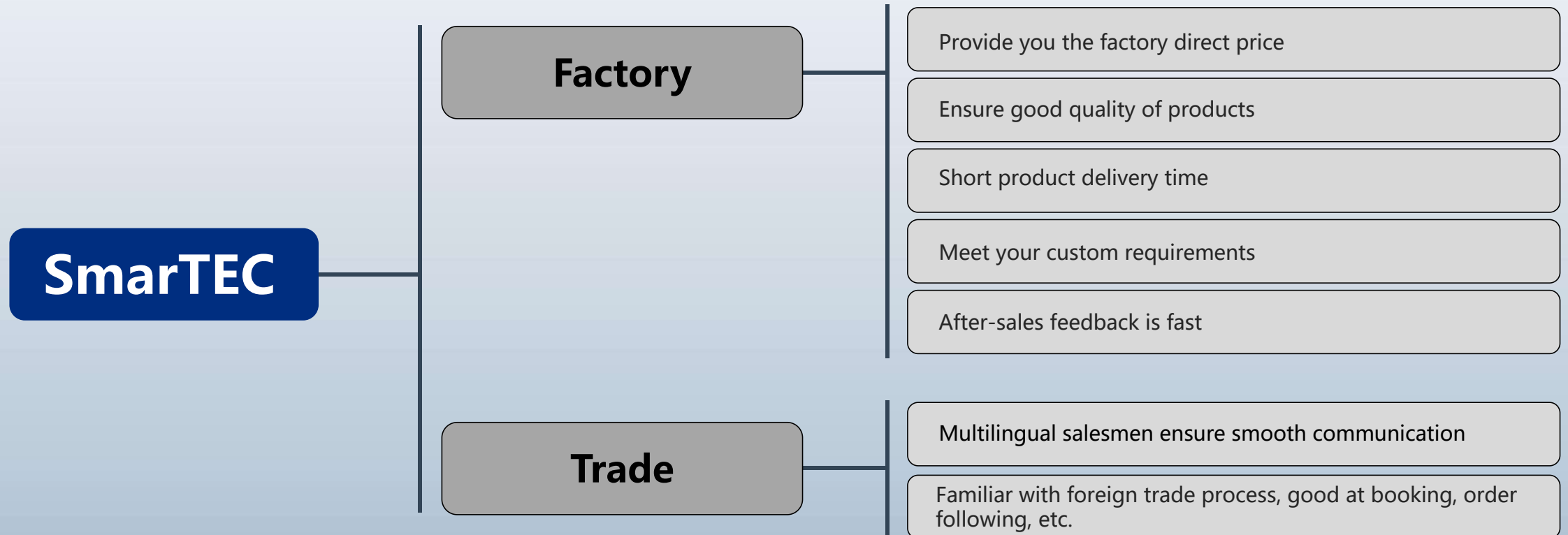
- Apply to: E-bike, Entertainment lighting, Mining & Underground, Smart Home Products,
- Industry Instruments, Medical devices, Military devices, and other Electronic Equipments, etc



WHY CHOOSE US?

(Factory and trade integration)

03



FACTORY TOUR



Testing Equipments



Production Line



SMT workshop



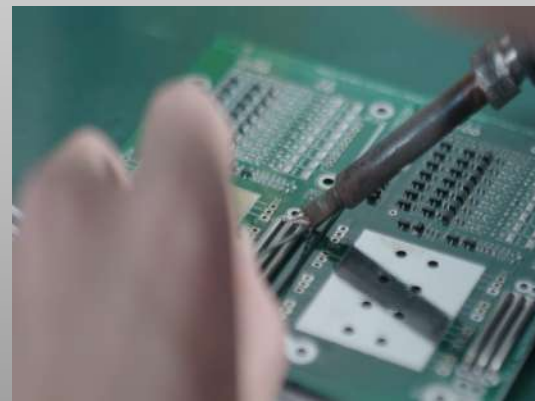
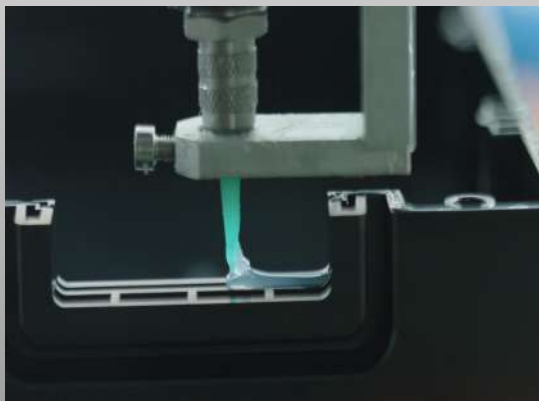
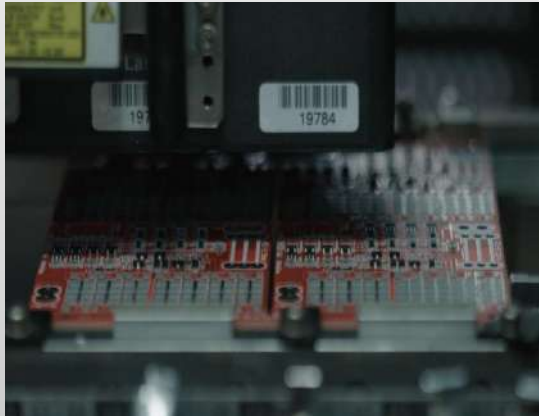
R&D Room



Large warehouse

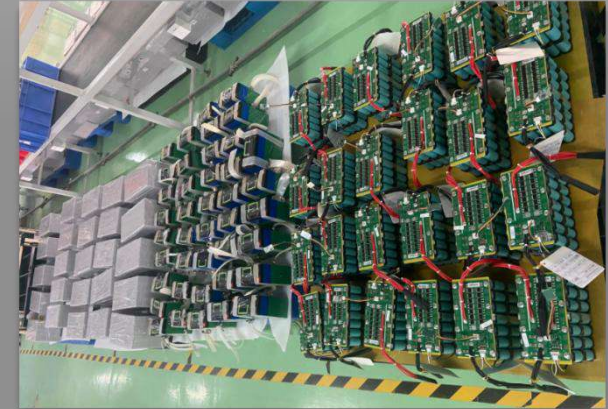
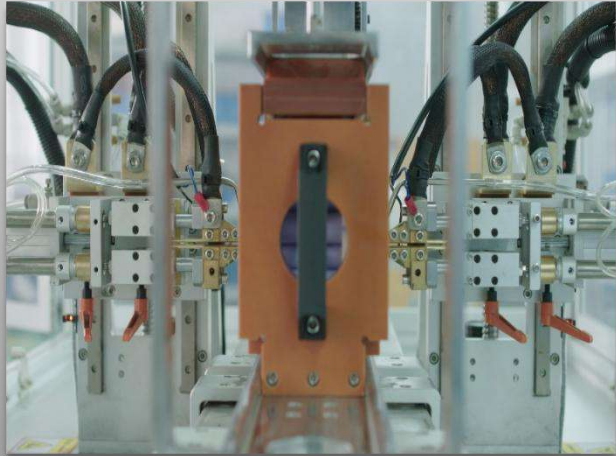
BMS/PCM PRODUCTION

Professional equipments to ensure the quality of BMS production.



BATTERY PACKS PRODUCTION

Professional equipments to ensure the quality of Batteries production.



OUR TEAM

04



Technical department(15-20 people)



Production department(120-150 people)



Quality control department(10-15 people)



Sales Department(8-10 people)

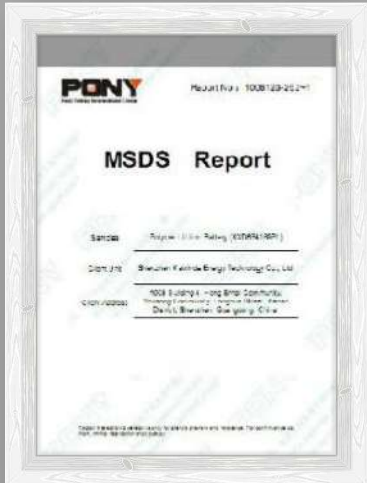
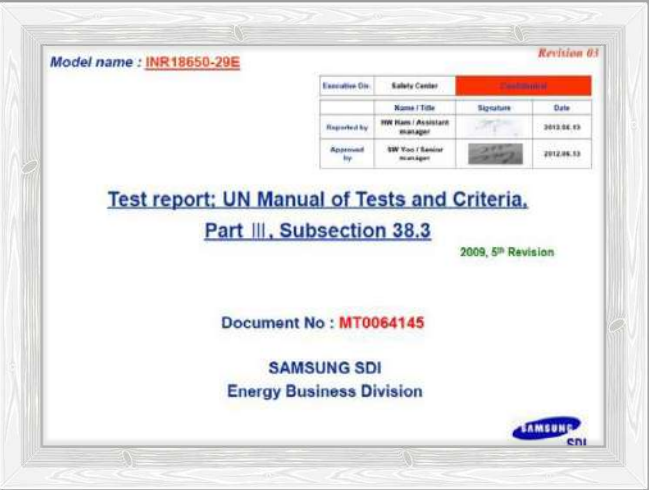
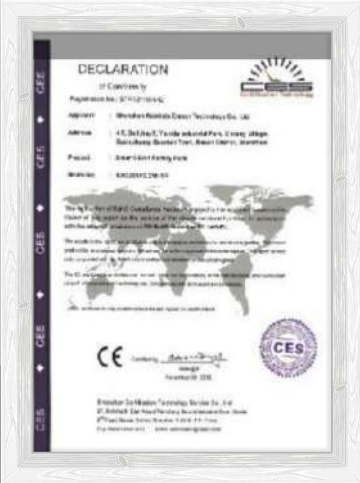
CERTIFICATES FOR PCM/BMS

One-stop Solution To Save You Cost & Time



CERTIFICATES FOR BATTERIES

One-stop Solution To Save You Cost & Time



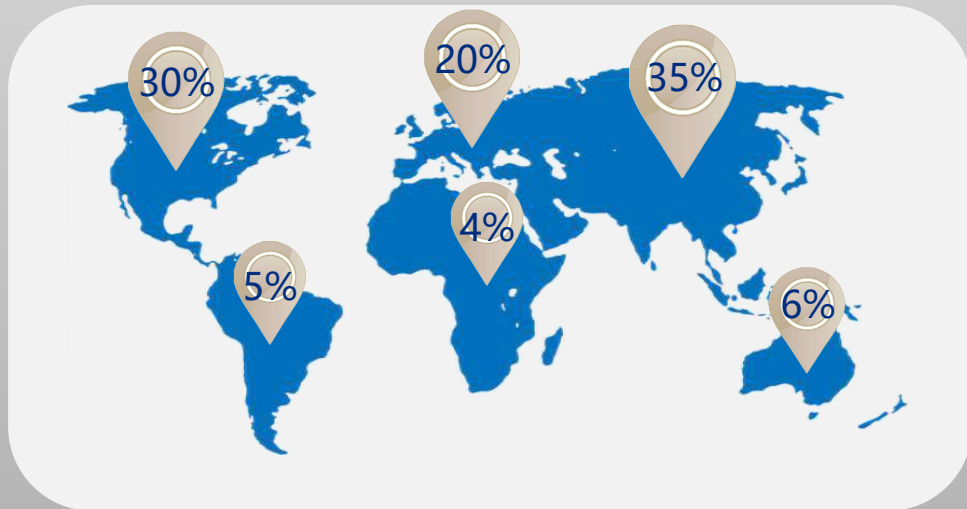
COMPANY HONOR

One-stop Solution To Save You Cost & Time



PRODUCT EXPORTS & MARKET

05



- Asia : 35%
- North America : 30%
- Europe : 20%
- Africa : 4%
- South America : 5%
- Oceania : 6%

OUR MAIN CUSTOMERS





**WELCOME TO
VISIT OUR COMPANY!**



LifePo4 Battery Packs



PCM & BMS