



01

Company Brief

Profile | Achievements

02

Core Capabilities

R&D | Manufacturing | Quality

03

Innovate Products

Key Product | Advanced Tech

04

Market Strategies

Development & Business Plan

05

Social Responsibilities

Earth Ecology | Carbon Neutrality

Who We Are ?

Established In 2006 Headquartered In Long Gang Shenzhen, Is A Global High-Tech Company Specializing In The Development And Manufacture Of Battery Cells,Modules,Packs,BMS As Well As Solar Power Wall Mounted And LFP ESS Replacement.

Mission



Green Energy Go EveryWhere

Vision



Global Energy Interconnection Key Tech

Spirit

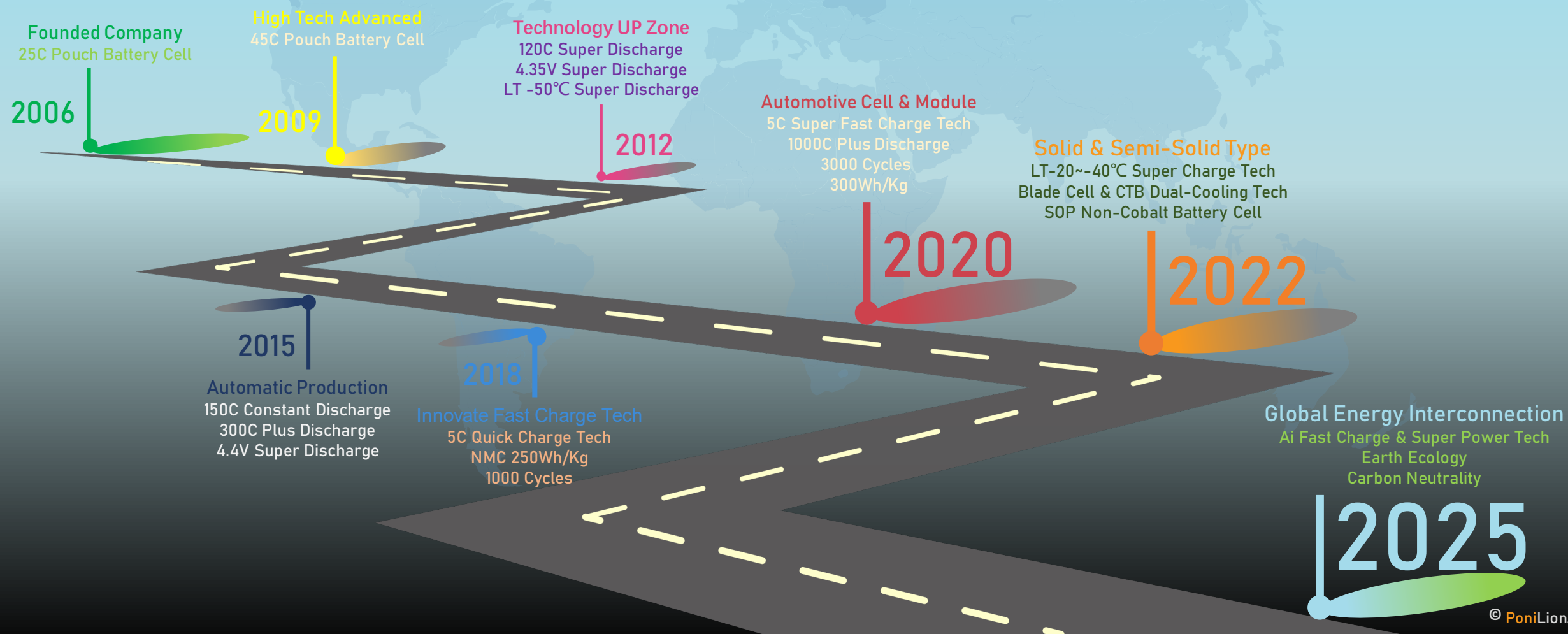


Driven By Innovation & Integrity

Values



Striver-Focused, Innovation-Rooted





Offices / Partners



R&D Centers



Plants



Manufacturing



Xi An, Shang Xi



China



H.Q Shen Zhen / HK



Tong Ren, Gui Zhou



Yi Bin, Si Chuan



Jing Zhou, Hu Bei



Offices / Partners



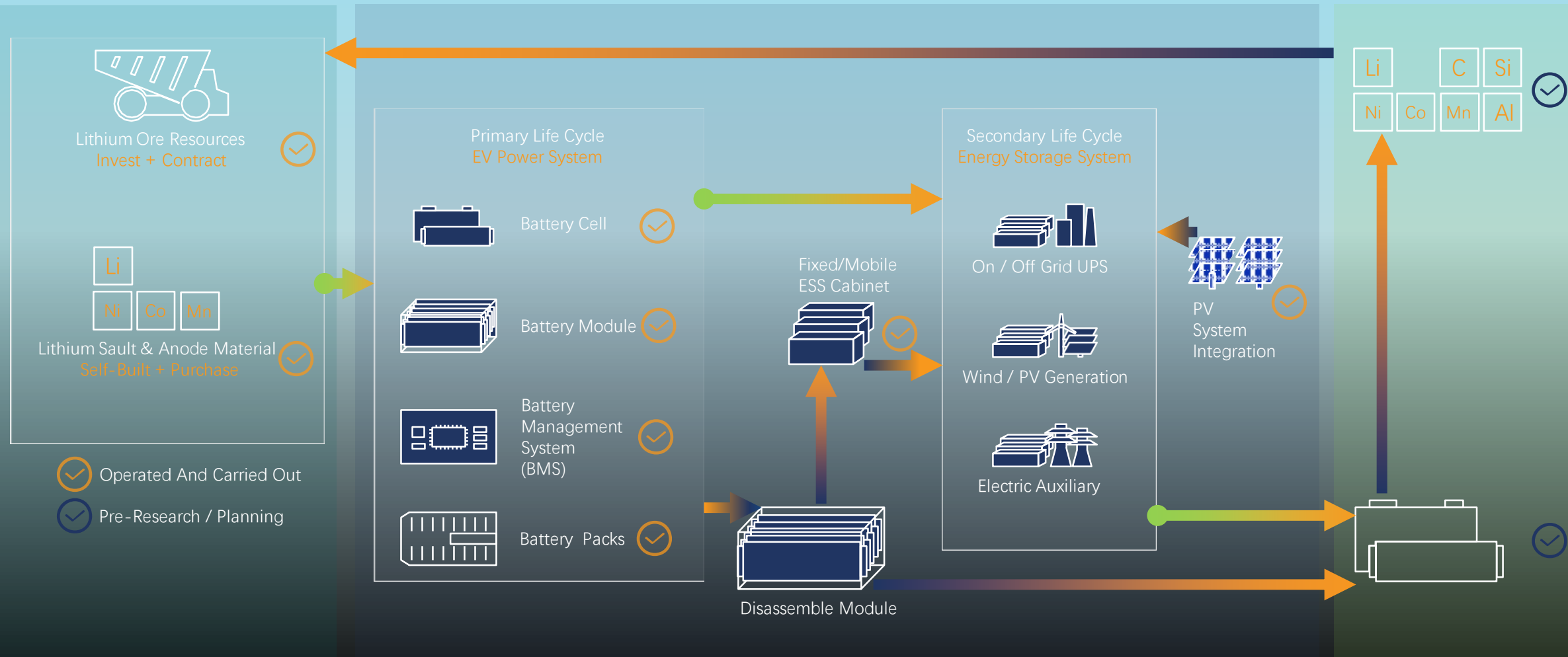
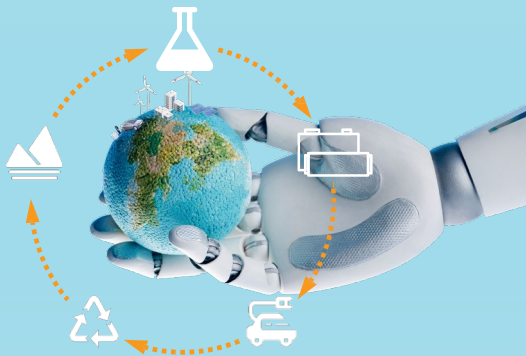
R&D Centers



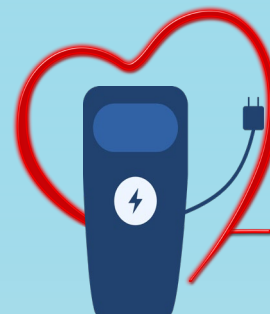
Plants



EV Power Line

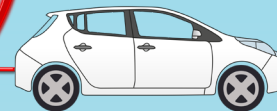


Top Assembled EV Batteries



Tech Advanced Quality Win

07



BEV



Mini-EV-48V



BEV



BEV



Mid-EV-48V



BEV



BEV



Mini-EV-48V

New Benchmark ESS Solutions

Tech Advanced Quality Win

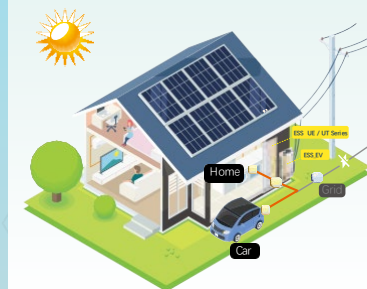
08



Store Energy From
Solar Energy And Utility



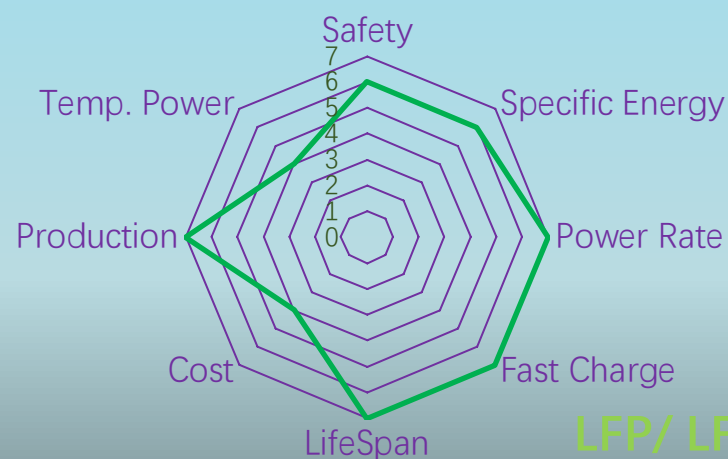
Use Stored Energy At Night



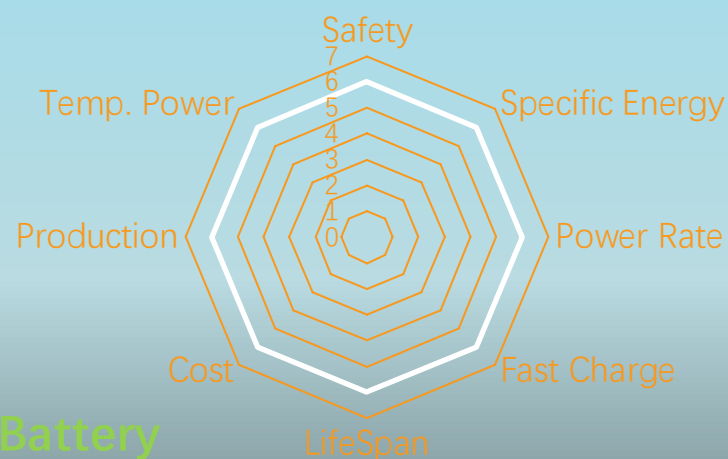
Use Stored Energy During
Power Failure



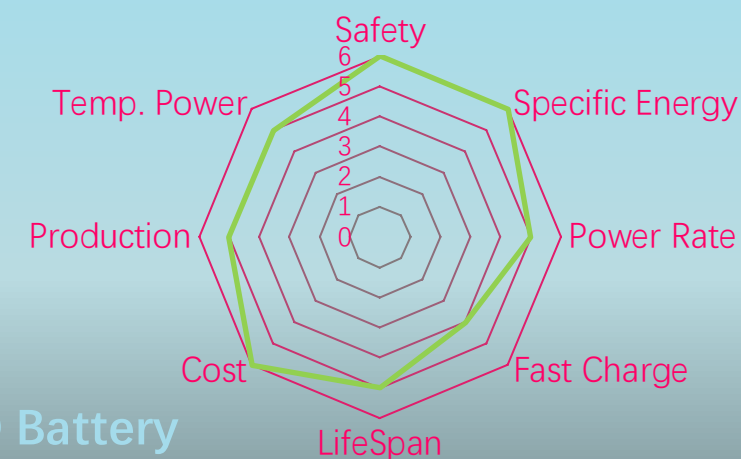
NMC Battery



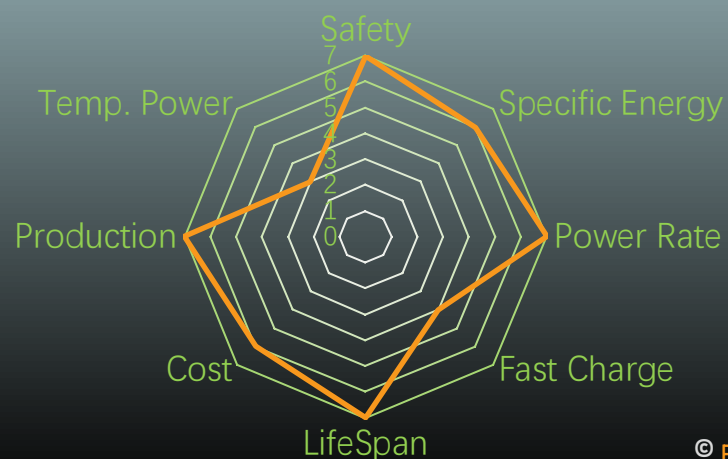
Solid Battery



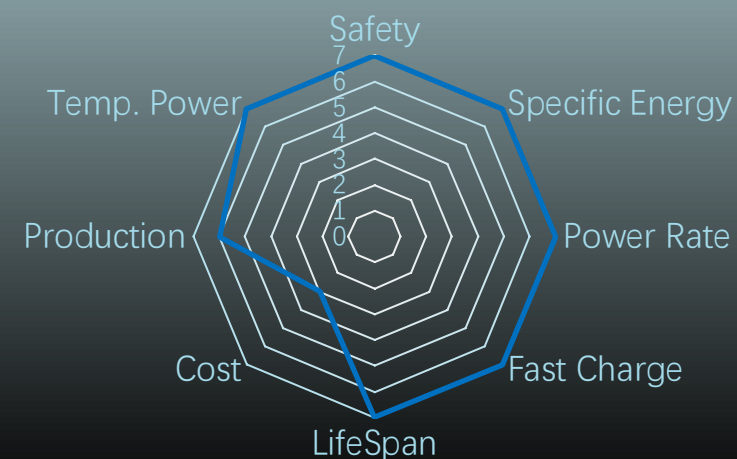
Non-Cobalt Battery

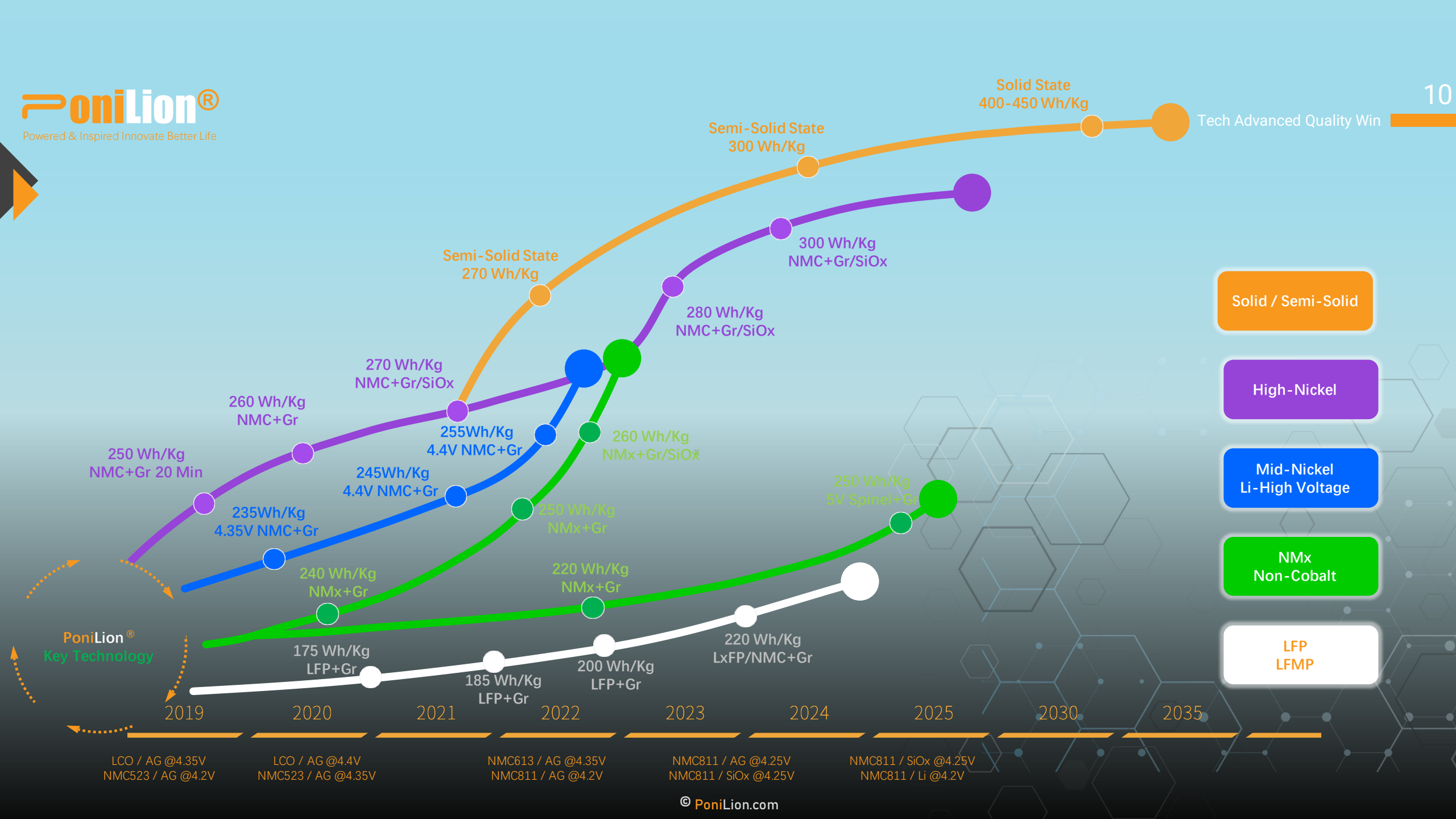


LFP/ LFMP Battery



LTO Battery





High Power Density

Power Density 300Wh/Kg & Power Cycle Life ≥ 1000+ Times

- High Nickel + Low Cobalt And Cathode And Electrode Fabrication
- Silicon + Lithium Anode And Electrode Fabrication
- Non-Cobalt And Electrode Fabrication

Super Low Temperature

LT -50°C Super Discharge & LT -40 °C Super Charge

- Low Impedance Anode Material And Electrode Fabrication
- High Ion Diffusion Cathode Material And Electrode Fabrication
- Formulation Design Of Super LT Electrolyte

High Discharge Rate

150C Constant Discharge / 1000C Burst Discharge / 3000 Cycles Super Discharge

- Doped And Coated Low Impedance Anode And Cathode
- Multidimensional Conductive Construction And Electrode Fabrication
- Formulation Design Of High Conductivity Electrolyte

System Integration

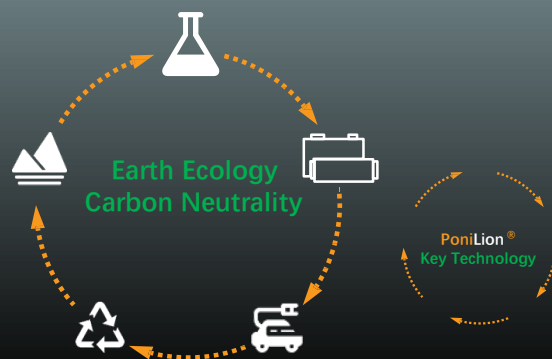
Pass Various Extreme Abuse Tests

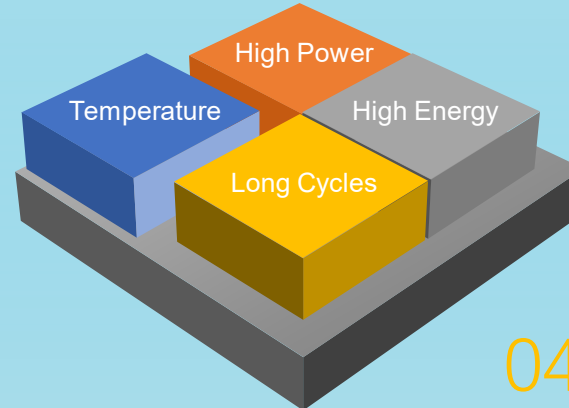
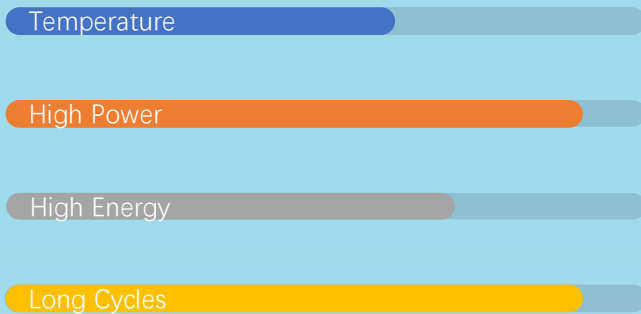
- High Voltage 650V High Power Supply System
- High Voltage High Power System Module Design
- Blade Battery Cell & CTB Dual-Cooling System

Solid / Semi-Solid

Solid Power Density 320wh/Kg & Power Cycle Life ≥ 500+ Times

- Solid Electrolyte
- Solid Battery Assemble





Tech Advanced Quality Win

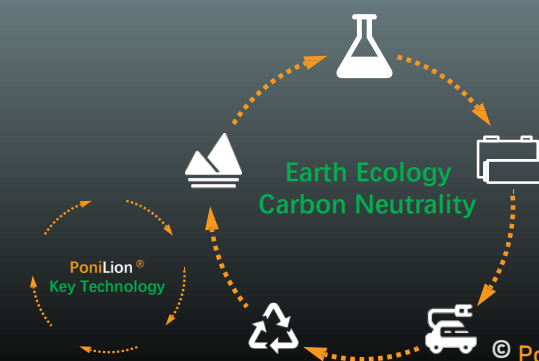
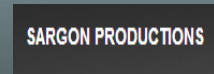
12

04 Long Cycles

03 High Energy

02 High Power

01 Temperature Range





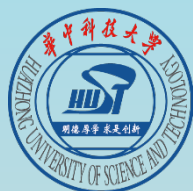
Chosen To Bring A Desired Future



Factors On Experience & Skill Or Team



Ensure Developed Or Implemented



Hua Zhong University Of
Science and Technology



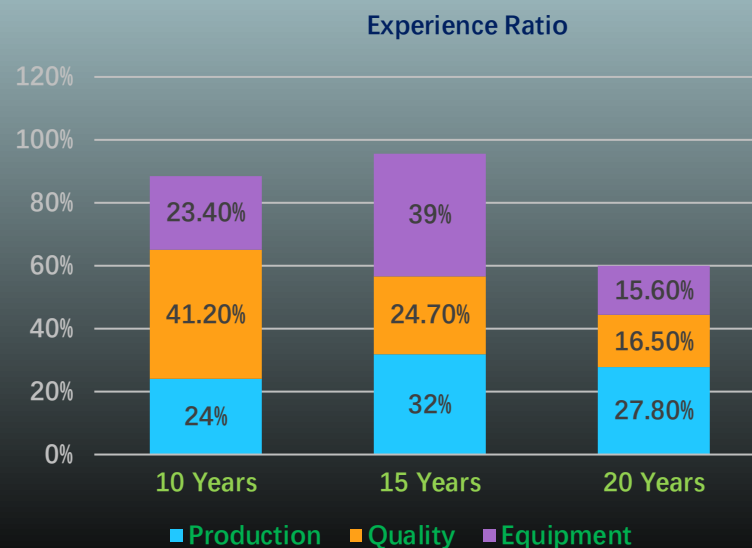
Wu Han
University



South China University
Of Technology

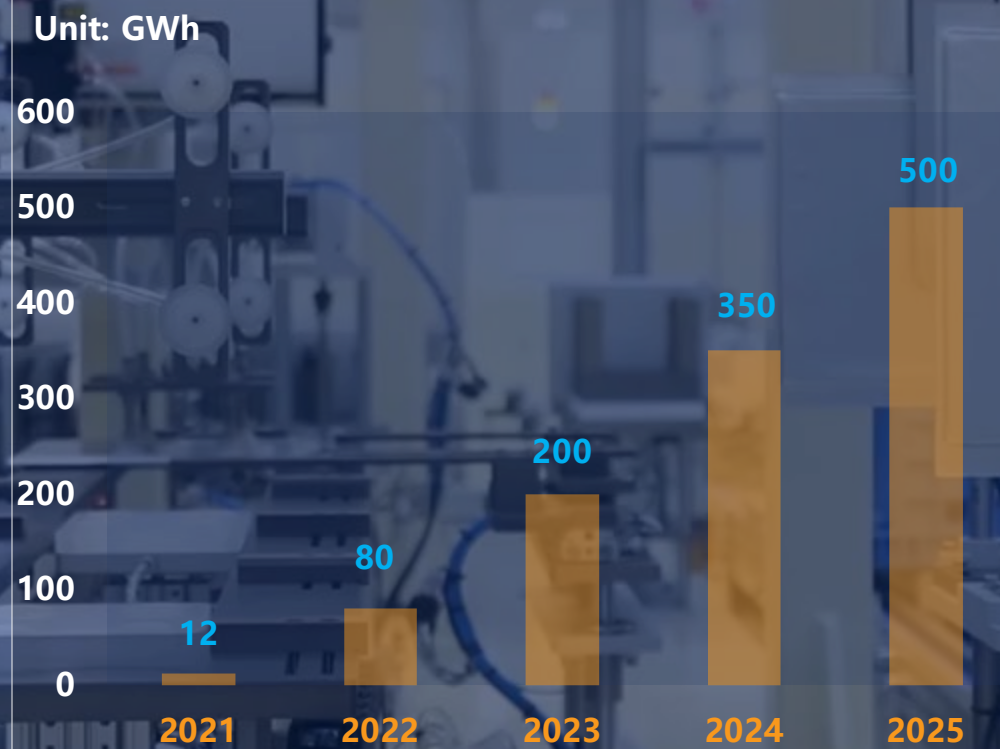


Chinese Academy
Of Sciences



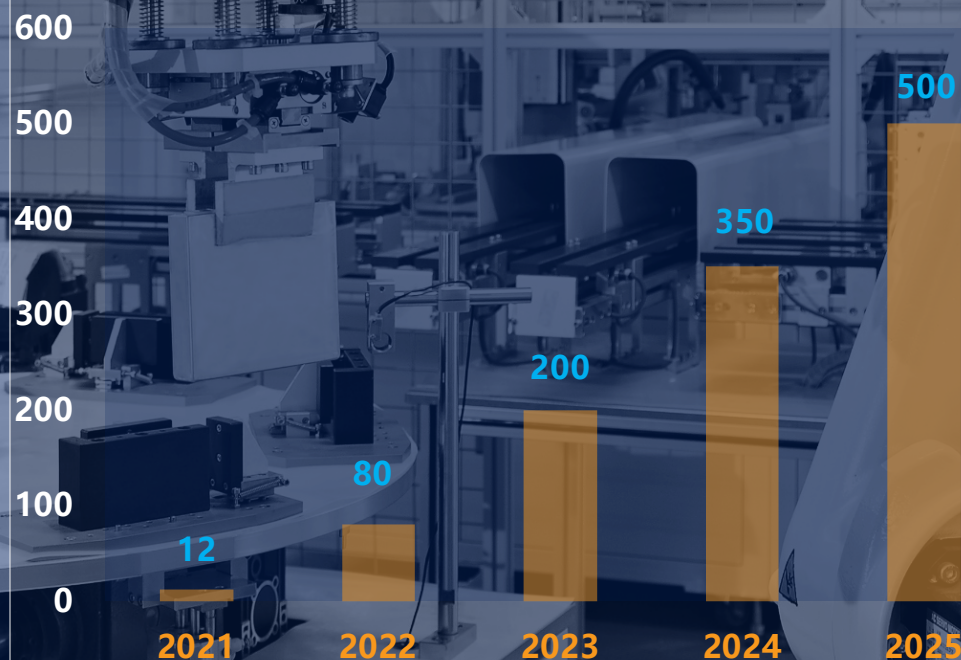


500GWh Pouch Capacity In 2025



500GWh Prismatic Capacity In 2025

Unit: GWh



Max 3C Quick Charge

Max 5C Quick Charge

BEV



LFP-100Ah



LFP-205Ah



LFP-280Ah



LFP-302Ah



NMC-105Ah



NMC-FC154Ah



NMC-FC5.95Ah



NMC-246Ah

BEV



LFP-QC20Ah



LFP-QC37Ah



NMC-FC20Ah



NMC-FC37Ah



NMC-FC20Ah



NMC-FC32Ah



NMC-FC35Ah



NMC-FC37Ah

PHEV
EREV



LFP-20Ah



LFP-37Ah



LFP-6Ah



NMC-5Ah



NMC-FC20Ah



NMC-FC37Ah



NMC-5Ah



NMC-12.5Ah

HEV



NMC-69Ah



NMC-75Ah



NMC-88Ah



NMC-90Ah



NMC-FC5.2Ah



NMC-FC6.12Ah



NMC-FC154Ah

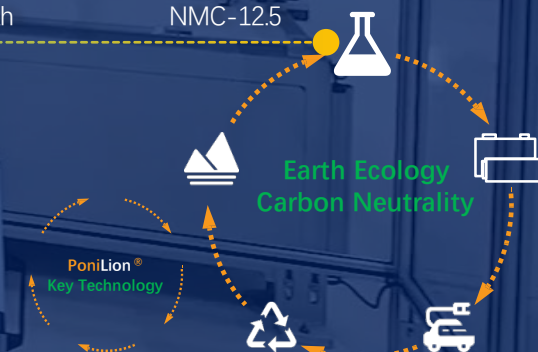
2020

2021

2022

2023

2025



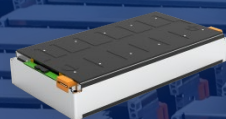
VDA & MEB Module

CTB & CTC Module

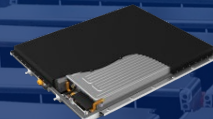
BEV



VDA355



MEB590



CTB - CTC
Pack System

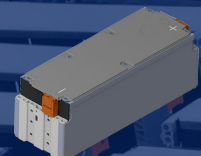


153.6V206Ah
With Heating

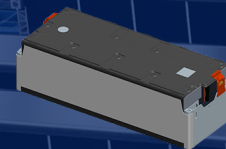


76.8V135Ah
Solid Battery

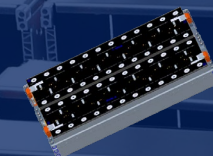
BEV



106



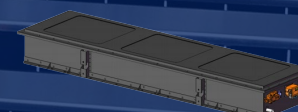
246



172 Big



LFP-153.6V120Ah
Natural Cooling

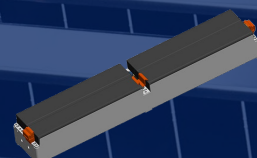


LFP-563.2V120
Liquid Cooling

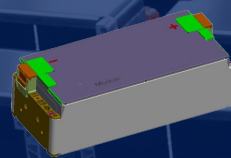


LFP-408V150
Liquid Cooling

PHEV
EREV



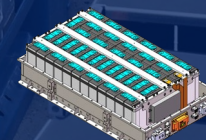
142 Long



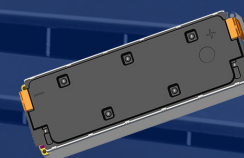
VDA-MEB



Fast Charge



LFP-153.6V206Ah
Liquid Cooling



Boat

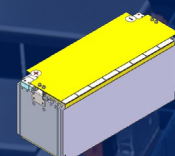
HEV



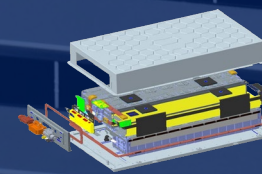
5.95 Fan Cooling



5.95 Liquid Cooling



LFP-12V400Ah



153.6V206Ah With Heating
Liquid Cooling

2020

2021

2022

2023

2025

PoniLion®
Key Technology

Earth Ecology
Carbon Neutrality

600V UPS-EV



A3
3KW-3.552KWh



A3 Max
3KW-3.552KWh



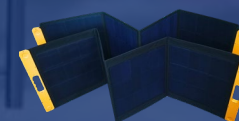
A30
3KW-7.1KWh



A30 Max
3KW-7.1KWh

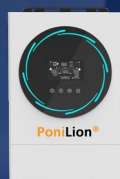


A30 Plus
3KW-7.1KWh

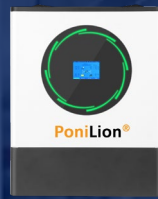


Solar Folder Panel
200W-500W

PowerWall



On/Off-Grid
6KW-Inverter



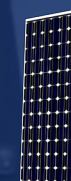
On/Off-Grid
8KW-Inverter



PowerWall
UT-9.421KWh



PowerWall
UE-10.496KWh



Solar Panel
200W-500W

Generation



On/Off-Grid
500-600KWh



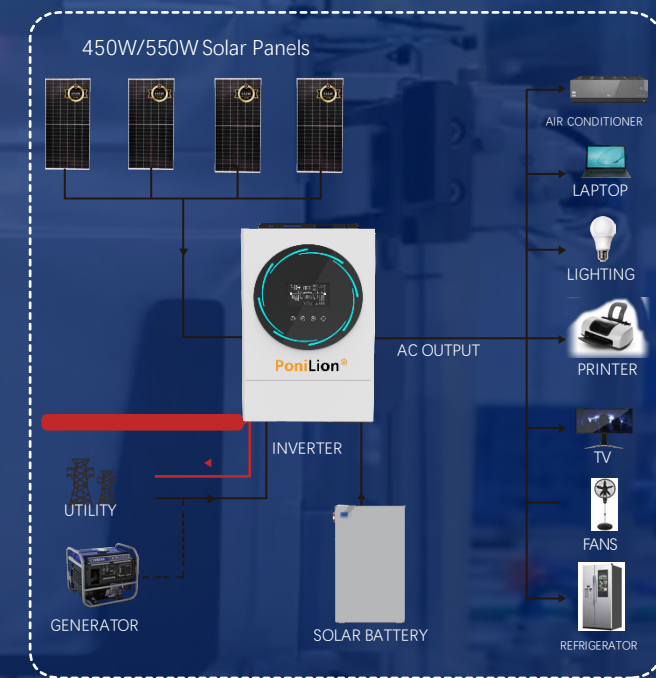
On/Off-Grid
200KWh



On/Off-Grid
1260-4816KWh



On/Off-Grid
5M-10MKWh



2020

2021

2022

2023

2025

PoniLion®
Key Technology

Earth Ecology
Carbon Neutrality

High Power

20KW/Kg

22KW/Kg

25KW/Kg

30KW/Kg

180C/3S

200C/3S

220C/3S

New Tech

Super Conductive Construction
Super Low Interface Impedance

High Speed Inlaying/Stripping
Material Application

New Chem

New LCO

NMC-Ni5

NMC-Ni8

Li-ion Capacitor

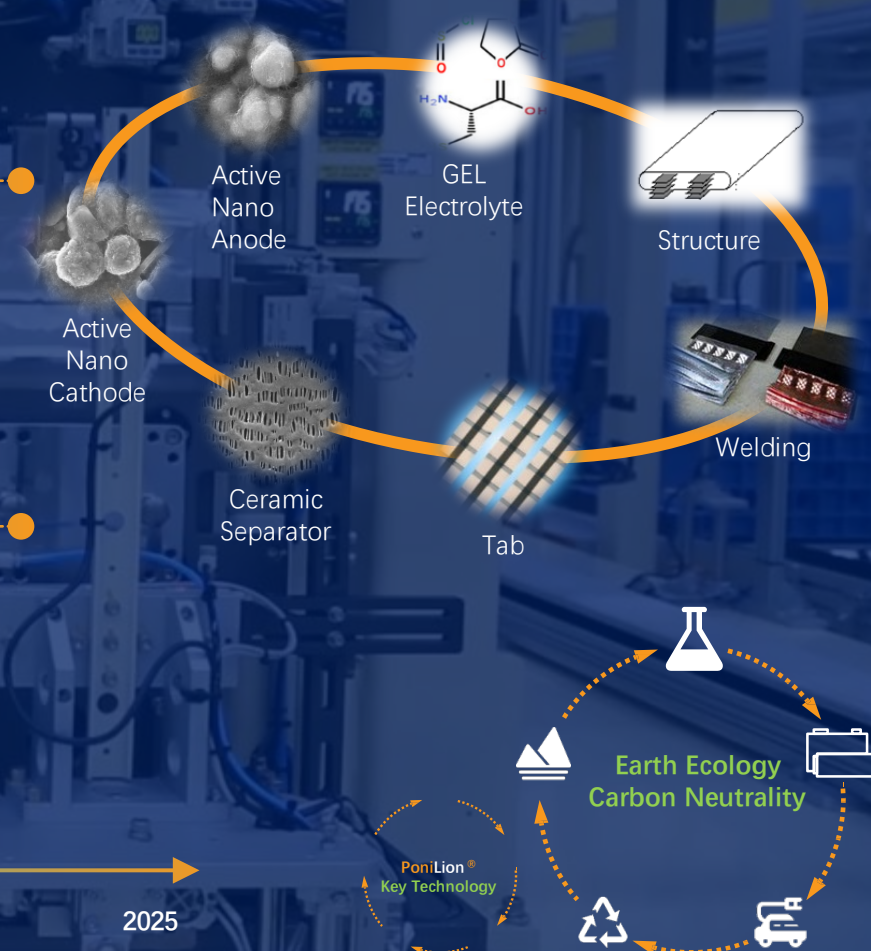
2020

2021

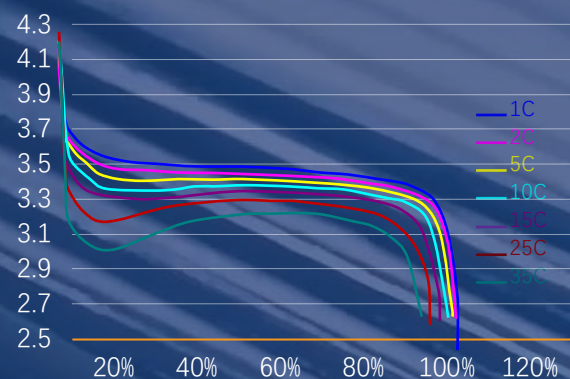
2022

2023

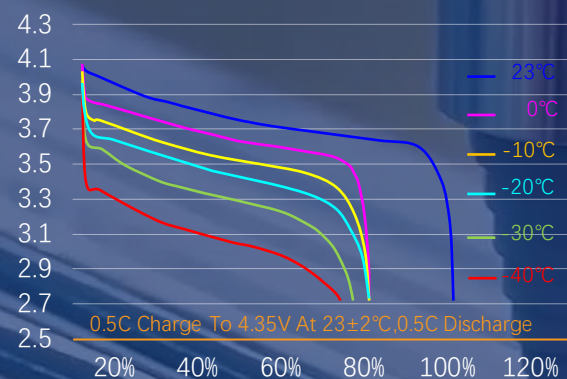
2025



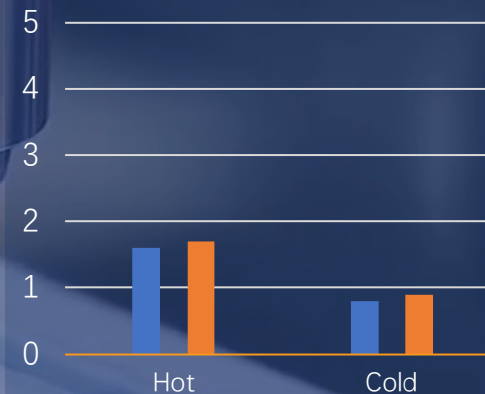
Discharge Rate



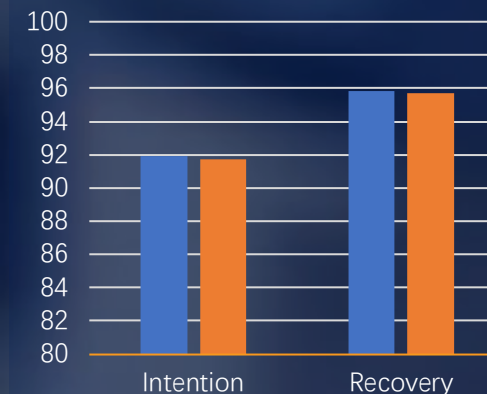
Low Temperature Discharge



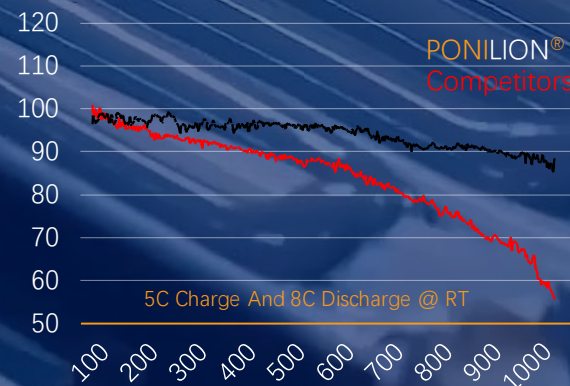
30D@60°C Storage



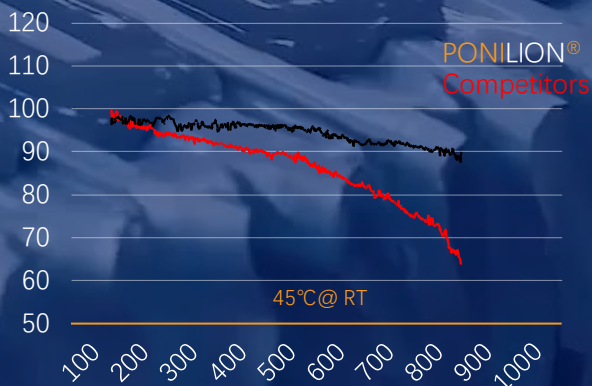
30D@60°C Storage



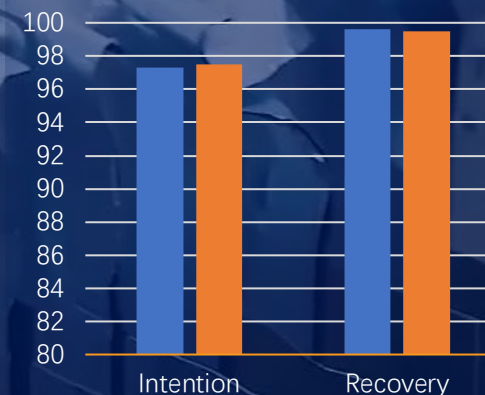
Cycles VS Capacity



Cycles VS Capacity

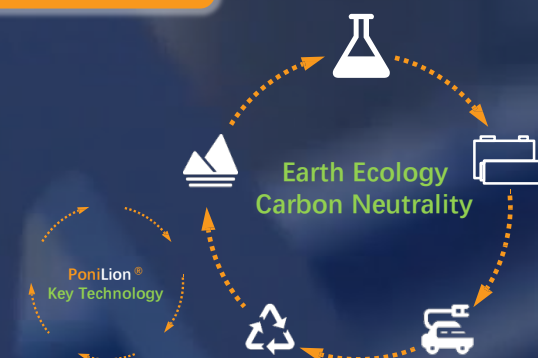


28D@25°C Storage

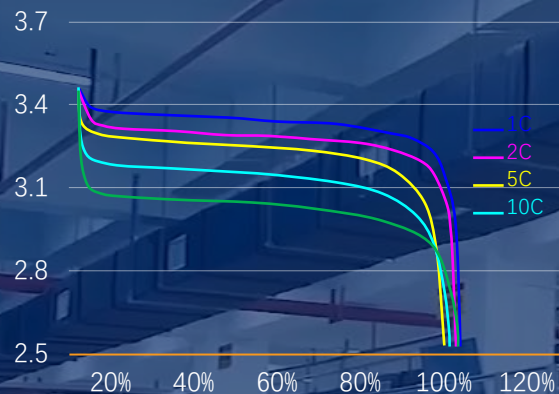


280-300Wh/Kg

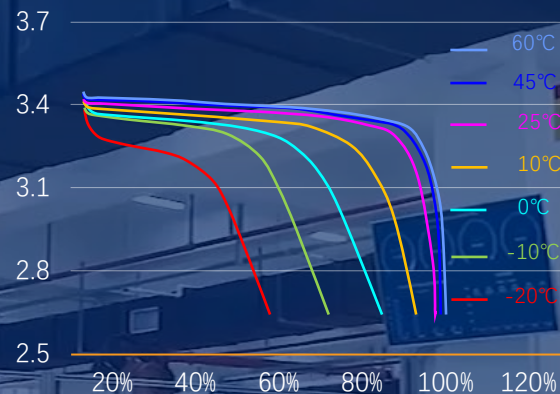
320Wh/Kg



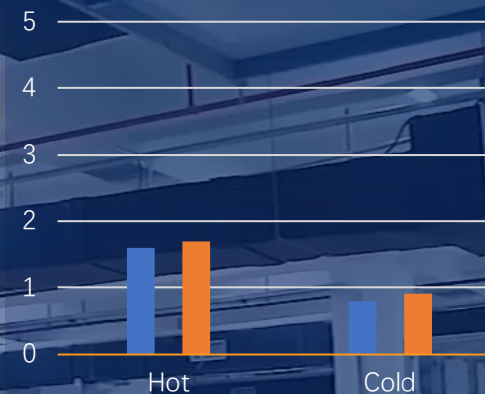
Discharge Rate



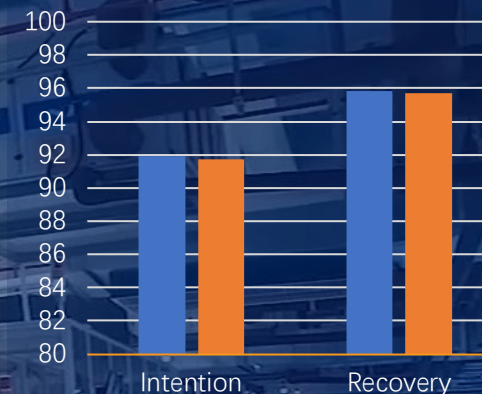
Low Temperature Discharge



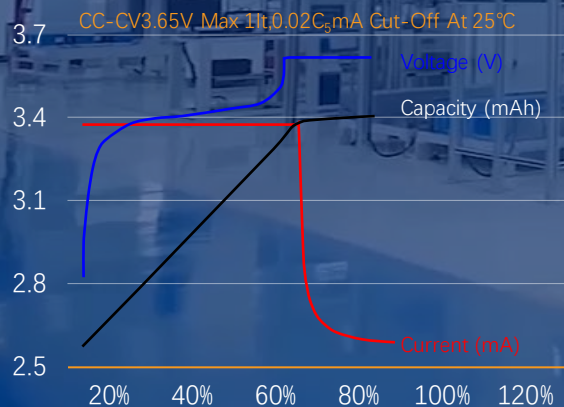
30D@60°C Storage



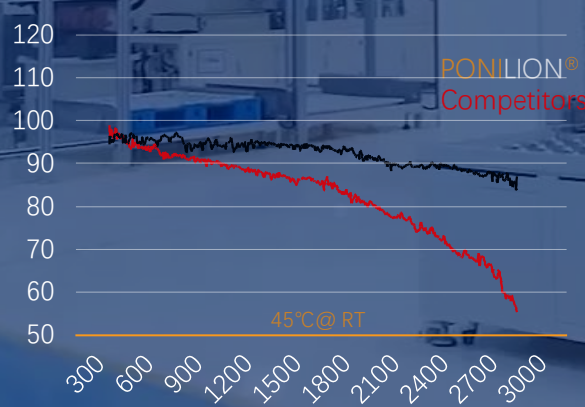
30D@60°C Storage



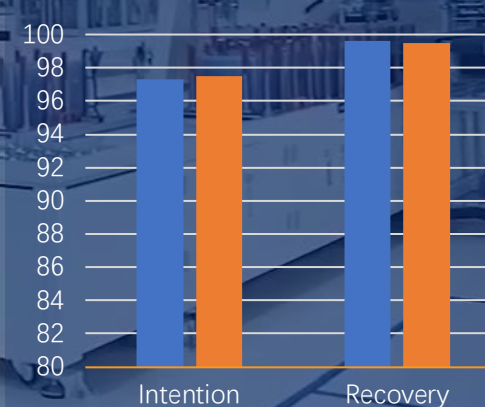
Charge



Cycles VS Capacity



28D@25°C Storage



260Wh/Kg

186Wh/Kg

Earth Ecology
Carbon Neutrality

PoniLion®
Key Technology

Non-Cobalt Battery

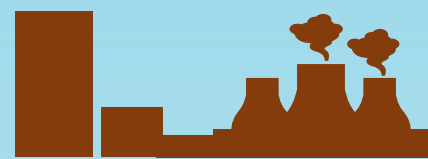
Tech Advanced Quality Win



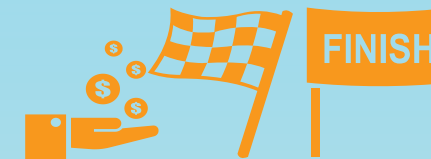
Zero Cobalt Formula+
Sustainable Development



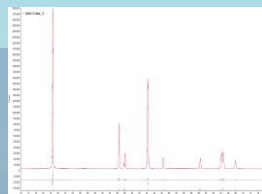
Cycles & Calendar Life+
Long Cycle Life, Reduce Energy Loss



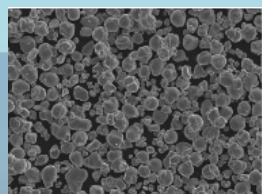
Safety Performance+
Stop Thermal Runaway



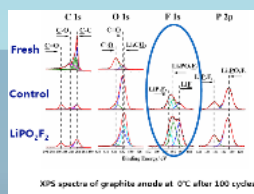
Eco Power+
Super Cost Advantage



Low Li/Ni Mixture



Active Material



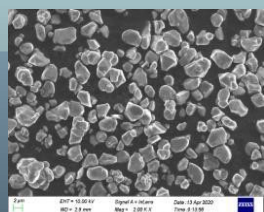
GEL Electrolyte



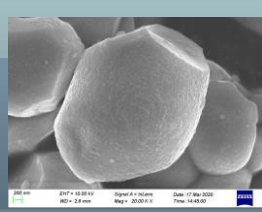
170Wh/Kg



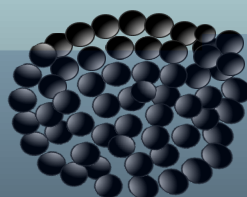
82.5KWh



Single Crystal



Nano Coating



CNTS

Chemical Type	Thermal Runaway	1000 Cycles DOD	BOM Down
NMC811	155°C	87%	-15%
NMx	170°C	95%	

400+
NMx-VDA115



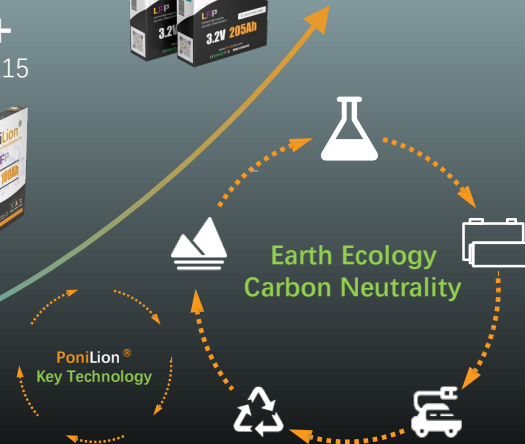
500+
NMx-MEB155

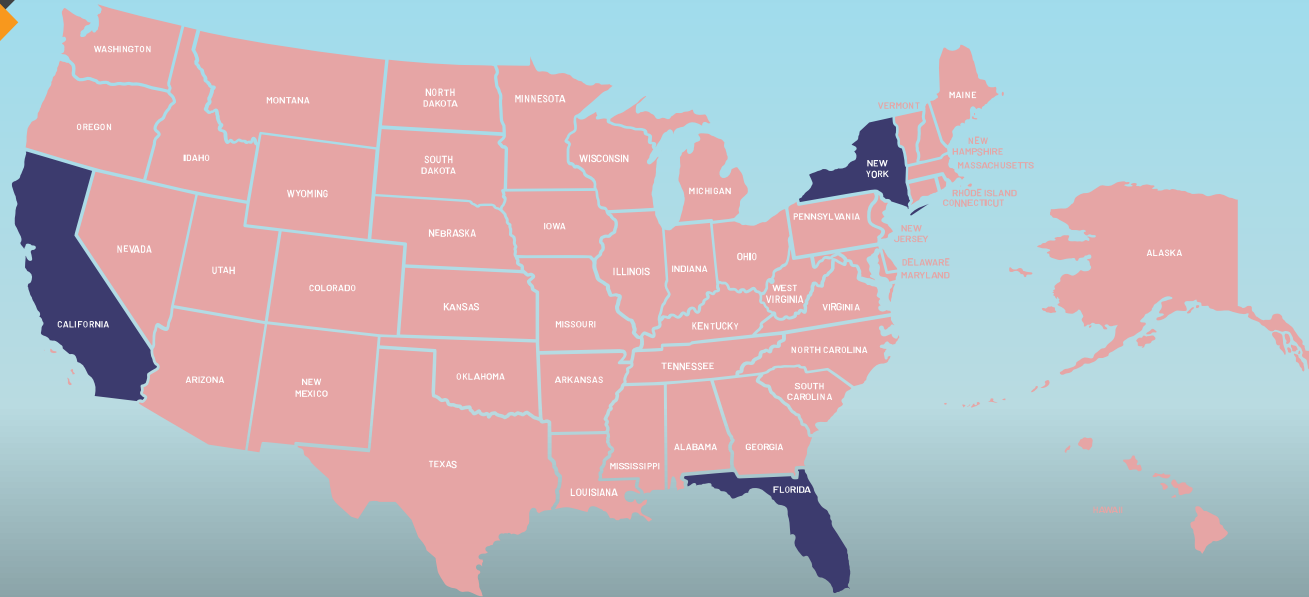


600+
NMx-MEB115



800+
NMx-Plus 157





EV Battery Cell & Module

U.S.A

Distributor :

Email:



Solar Power Wall Mounted

Distributor :

Email:



LFP ESS Replacement

Distributor :

Email:

Canada

Distributor :

Email:

Distributor :

Email:

EUROPE



EV Battery Cell & Module

Europe

Distributor :

Email:



Solar Power Wall Mounted

Distributor :

Email:



LFP ESS Replacement

Distributor :

Email:

AUSTRALIA



Australia

Distributor :

Email:

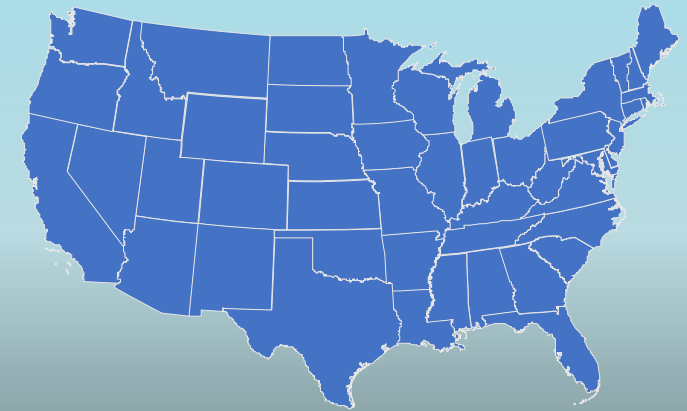
Distributor :

Email:

INDIA

CHINA

UNITED STATES



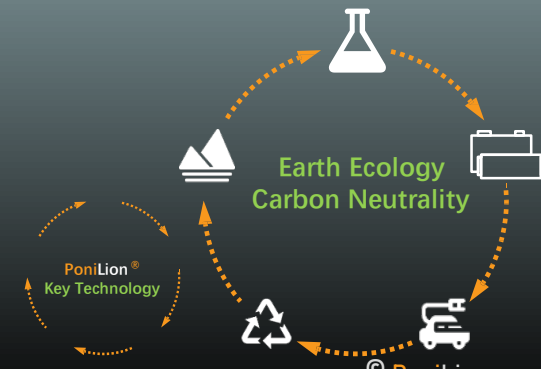
EV Battery Cell & Module



Solar Power Wall Mounted



LFP ESS Replacement



Construction

A Model Eco-Friendly &
Low Carbon Industry Zones

Eco Power+

Advanced Material &
Tech In New Race Way

Green Nature

Clean Photovoltaic
Energy Applications

New Epoch

Open A New Epoch
Share All Power

