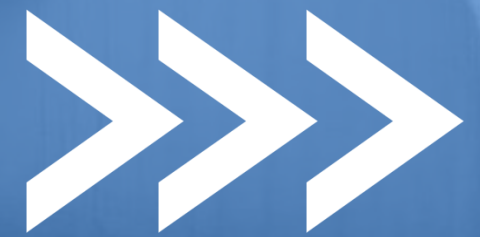


JAN 2025

Revolutionizing Battery Maintenance



Pioneering an Era of Longer Lifespan and Simplified Service

Revolutionizing Battery Maintenance

Pioneering an Era of Longer Lifespan and Simplified Service

01 User Needs

Efficient and long-lasting battery performance is essential.

02 Problem Identification

Traditional battery packs are difficult to maintain and have limited lifespans.

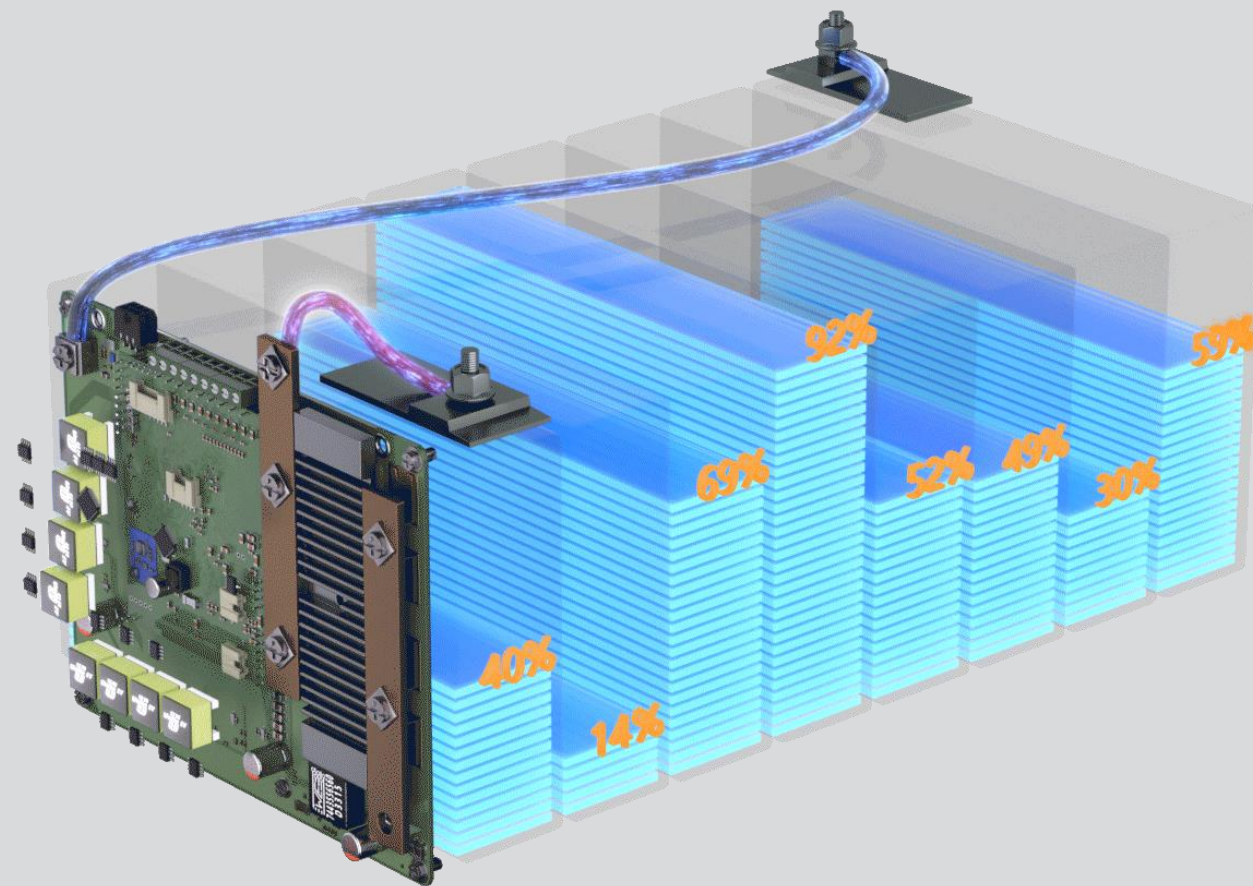
DBMS

-Core Tech



DBMS-Core Tech

Assessing the Impact & Economic Value of DBMS Implementation



↑ **2** x Lifespan

↑ **30%** Additional range



Batteries, as assets, can bring higher returns on investment with longer periods of active use.



Additional range capability with improved driver performance.



Intelligence on how to preserve battery energy throughout the day.



Decision-making information to optimize charging strategies.



Reduced operating cost and maximum fleet utilization.

R&D Platform Based on DBMS Technology

**WHAT
WE
DO**



UE Maintainable battery



**UE Swap Station
With Invention Patent**



**UE EnerBalancer
Aftermarket maintenance**

Battery Pack

-maintenance friendly



Battery Pack-maintenance friendly



Maintainable battery pack EnerBalancer+

- ✓ Easy Maintenance
- ✓ 2 times higher lifespan
- ✓ Extra benefits

VS

Current battery pack limitation

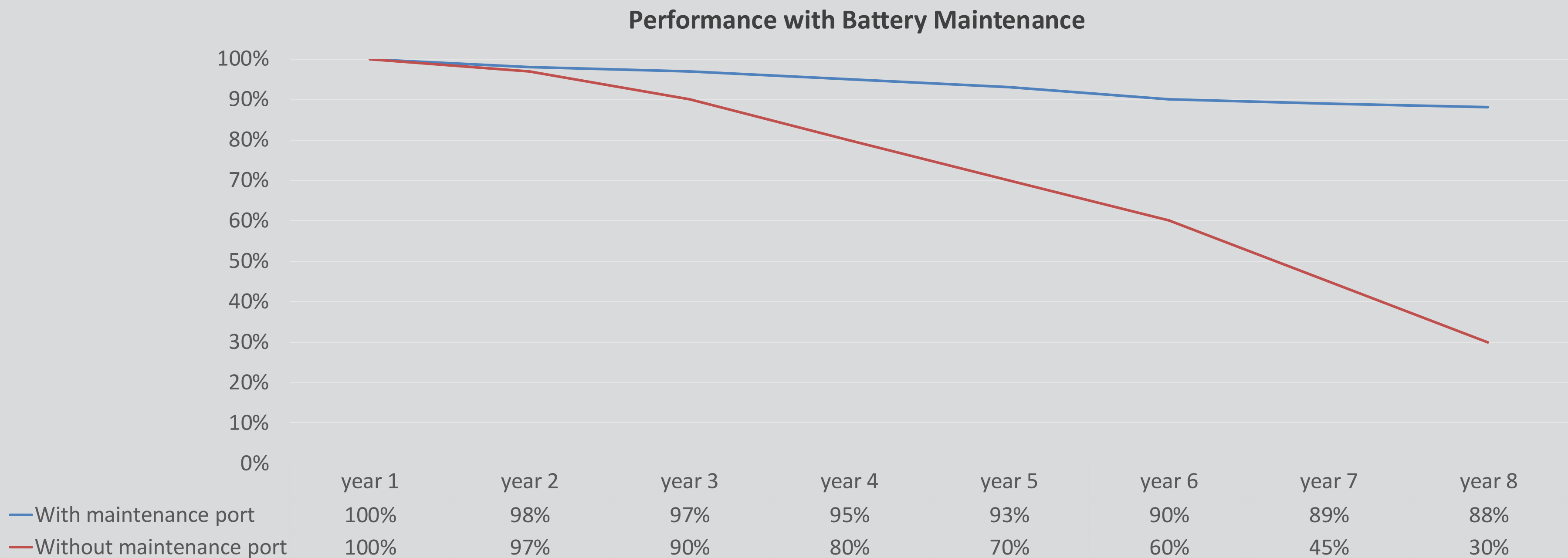


- ✗ No Maintenance port
- ✗ One time use design
- ✗ Return to factory for repair

UE maintainable battery pack PLUS UE Enerbalancer Benefits:

1. Integrated Service Package
2. Modular Design
3. Extended Warranty
4. raining and Support Network
5. Partnerships and Collaborations
6. Better Return on Investment

Performance with Battery Maintenance



Longer-lasting stable operation brings a higher Return on Investment (ROI) and increases customer confidence in usage.

EnerBalancer

-Maintenance Market



EnerBalancer--Maintenance Market



EnerBalancer

All in One Solution



Internal Resistance check
Balancing function
Charge/discharge
Capacity check
4G wireless background data synchronization



Balancer



Resistance equipment



Charger



Discharge Resistor



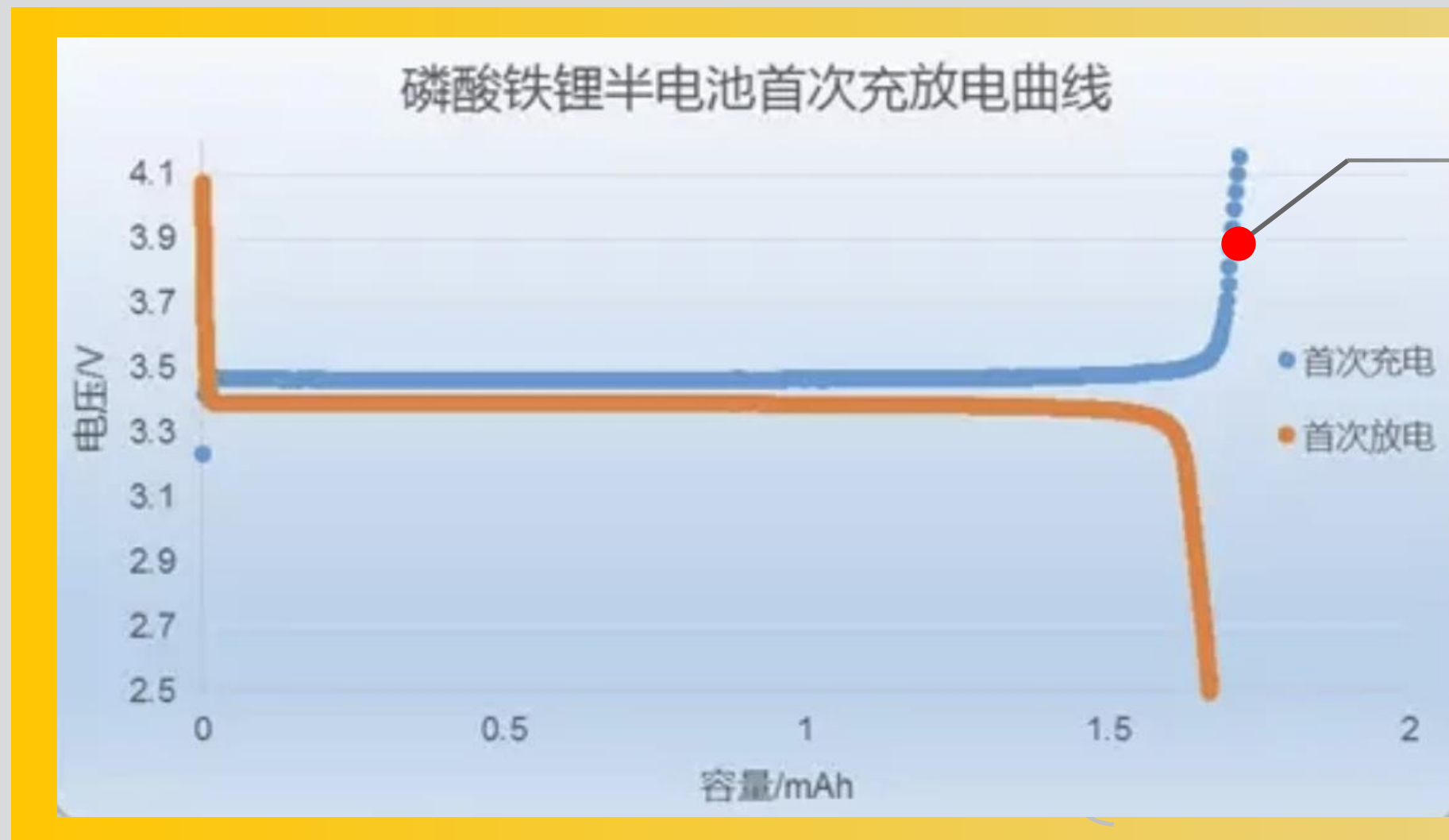
4G Module



Internal Resistance check
Balancing function
Charge/discharge
Capacity check
4G wireless background data synchronization

Simplified maintenance, with efficiency improved by **over 90%**

Why choose the Enerbalancer?



Simple Rule Voltage Same ≠ Capacity Same

- ✓ Only by charging each strings individually up to the cutoff voltage can the State of Charge (SOC) be effectively reset to 100%.
- ✓ The other voltage points cannot accurately determine the State of Charge (SOC) because the curve is too flat. For example, SOC at 50% and SOC at 70% may have the same voltage.

Charge/discharge curve for LFP battery

Swap Station

-with Invention Patent DBMS Technology



Invention Patent Swap Station

3 times longer battery lifespan with DBMS technology built-in



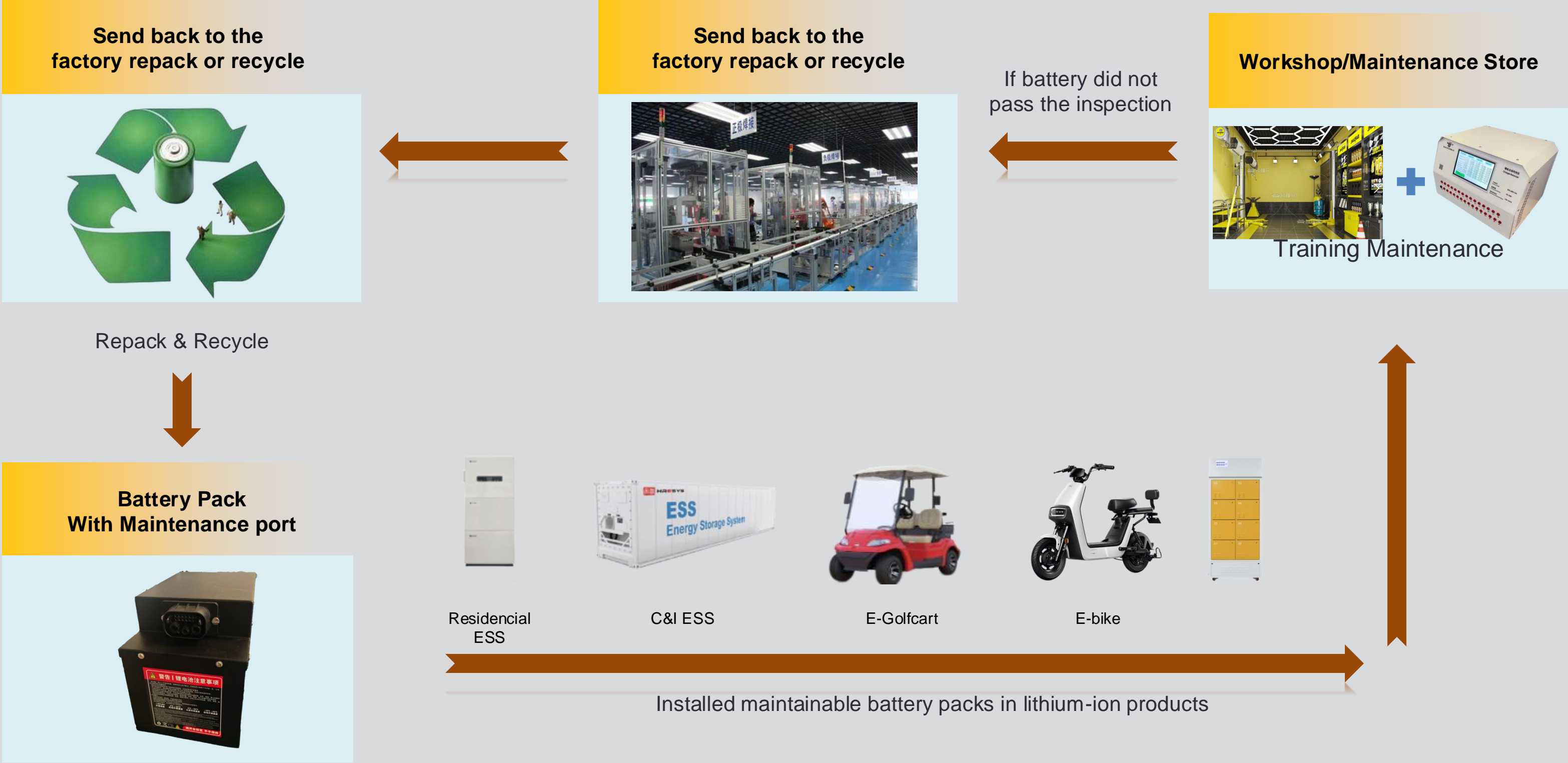
Battery Swapping APP

Cloud Data Platform



- Seamless Maintenance:** Maintenance that requires no user intervention.
- Backend Management and Monitoring:** Centralized monitoring and management from the backend.
- Triple Lifespan Extension:** Extends the battery pack lifespan by three times.

End the Loop



Extra Benefits

-Providing Services



Southeast Asia Markets - Incentives and Subsidies

Motorcycle market in South East Asia



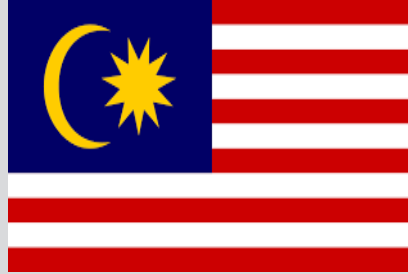
112 million



58 million



22 million



15 million



5 million

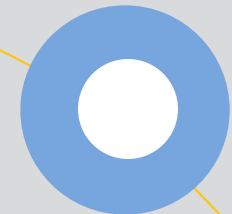


7 million

Southeast Asia Markets - Incentives and Subsidies

Country	Policies
Thailand	Subsidies ranging from 18,000 Thai Baht (THB) for each electric Motorcycle purchased.
Vietnam	The Vietnamese Ministry of Transport is considering a proposal to provide a USD \$1,000 subsidy to individuals purchasing electric cars.
Indonesia	Subsidy of 7 million Indonesian Rupiah (IDR) (USD \$450) for each electric scooter (electric motorbike) purchased.
Philippines	Tax exemption for individuals purchasing electric vehicles.

Not Only Selling Products, But Also Providing Services



Pay-Per-Service

Charge for each maintenance activity, repair, or component replacement.



Leasing Model

Offer battery packs on a lease basis, allowing users to access the latest technology without high upfront costs.



Training and Certification

Develop training programs and authorize local stores to ensure consistent service quality.



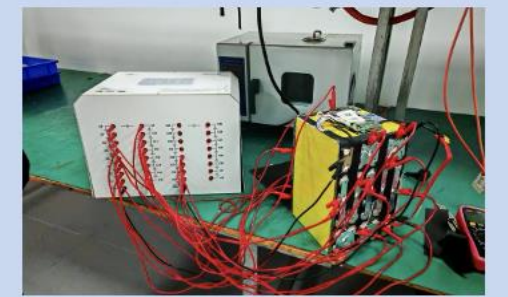
Recycling and Repacking

Implement programs for recycling old batteries and repacking used units, adding value through sustainability efforts.



Partnerships and Alliances

Collaborate with manufacturers, distributors, and logistics providers to build a robust ecosystem around the battery lifecycle.



The Legacy of Innovation: Our Team and Experts



Nico Jiang

CEO of Unite EV

10+yrs R&D experience and
5+yrs experience operation and
management in Li-ion Battery industry.



Rick Wang

CTO of Unite EV

PhD in EE, CUMT
12+ yrs experience of battery
technology and innovation.



Jackson Zhang

COO of Unite EV

BSc (Hons) EIE, University of Glasgow
MSc Signal Processing and AI, Newcastle U.
10+ experience in sustainable energy industry



Dr. Raymond Xu

EE post-doc, PU, USA
Former Technical Director at Cummins
16+ yrs in transportation industry

A diverse group of international and domestic experts,
including researchers and frontline practitioners,
dedicated to pioneering advancements in battery
technology and sustainable energy solutions.

Yamin Xu: Former Head of the China Division for the IoT and Urban Development Platform at the World Economic Forum
Bojie Hu: Founding President of the Greater Bay Area Carbon Neutrality Association; CEO of Peiran Environmental;
Dong Wang: Director of the Dual Carbon Technology Policy and Management Research Center at Harbin Institute of Technology (Shenzhen); Professor and Doctoral Supervisor; Director of the Shenzhen Climate Change Response Research Center.

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**Accelerate the Transition into
Affordable Clean Energy
Infrastructure Together.**

