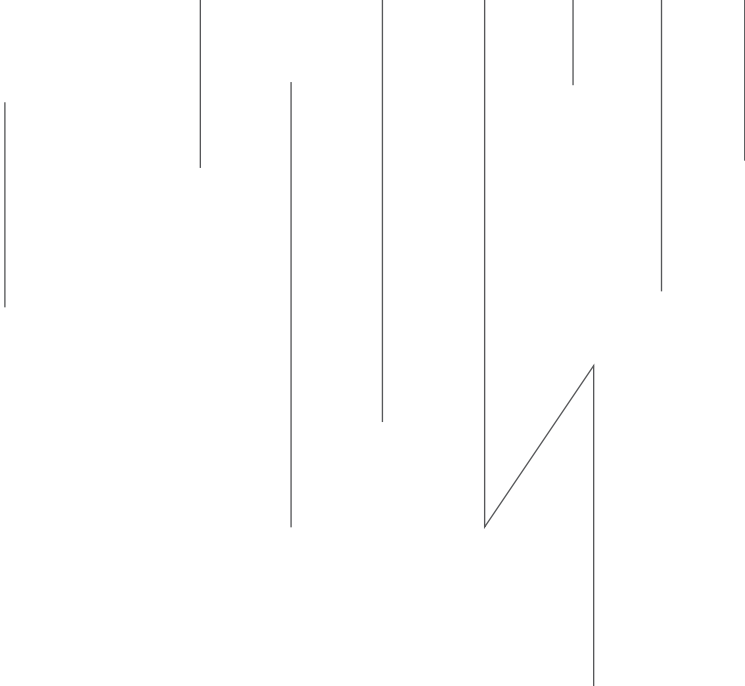




Consumer Battery

Electronic Component Services
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eric.cosperec@ecs-company.com
tel : 07 72 35 97 47 - 07 67 81 62 52
www.electronic-component-services.com



Mission

Reliable and harmonious development

Vision

To be the most creative Lithium battery company, and make outstanding contributions to sustainable development



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Customized
Battery Pack



About EVE

Established in 2001, EVE Energy Co., Ltd. (hereinafter referred to as EVE) was first listed on Shenzhen GEM in 2009. After 21 years of rapid development, EVE is now a global lithium battery company which possesses core technologies and solutions for consumer, power, IoT and renewable applications. (Stock code: 300014)



Applications

Serve global first-class brands and continue to create value for customers.



World's Top 5 Tobacco Brands
& Electronic Atomizer Brands



World's Top 10
Power Tool Brands



First - tier
Electric Two-wheelers Brands



First - tier
Headset Brands



First - tier
Smart Wearable Brands



Core Advantages

Strong R&D team, advanced manufacturing technology and comprehensive solutions.

Strong R&D team



International



Systematic

Advanced Manufacturing Technology



Automated



Informative

Comprehensive Solutions



Prismatic Pouch Cell



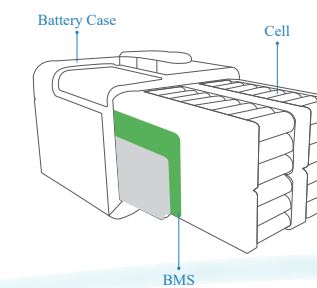
Bean Cell



Cylindrical Cell



Cylindrical Pouch Cell

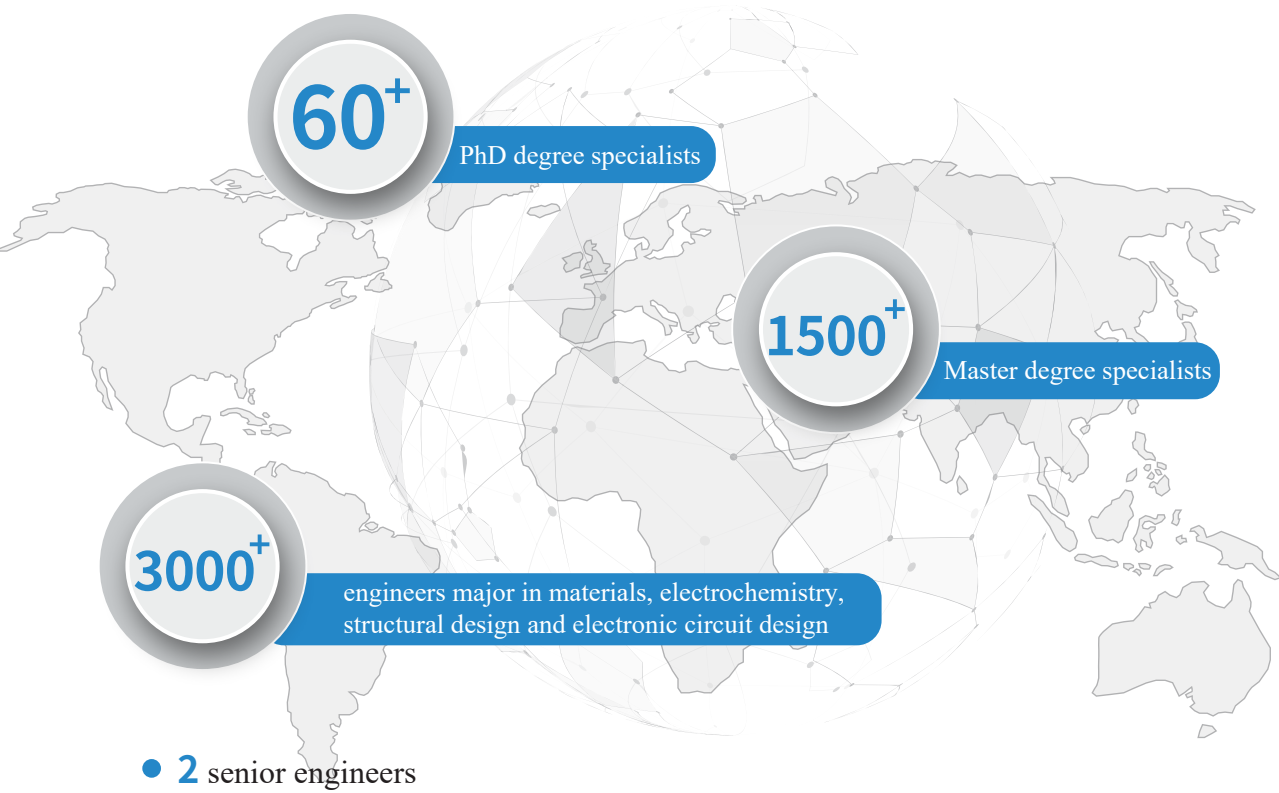


Customized Battery Pack

Comprehensive Solutions

R&D Team

Gather global experts to overcome core technical issues.



Maintain good relationship with international and domestic universities and research institutions:



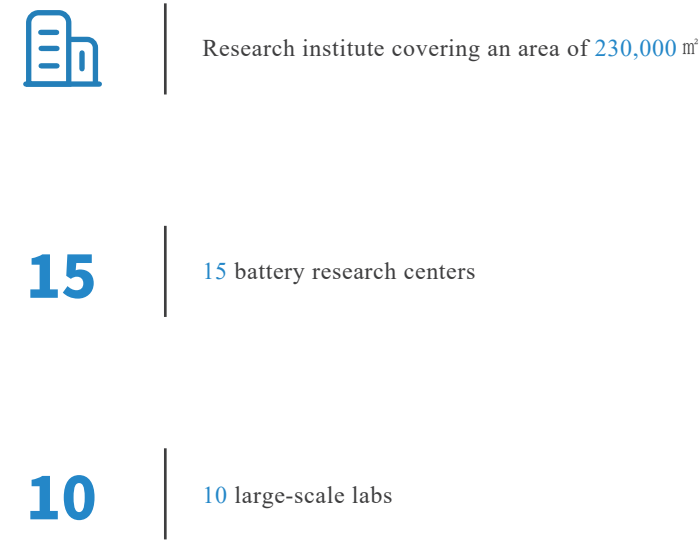
StoreDot
StoreDot
Jointly develop safe
superfast battery



Wuhan University
New lithium battery
engineering center

R&D Investment

Continuous high R&D investment, committed to being the most creative lithium battery leading company.



Achievements

Having the core technology of the full range of lithium batteries in hand and taking the lead in the formulation of standards.

Patents

As of May 2022, EVE owns over 4,300 national patents including the patents under application.

Industry Standard

Participate in more than 90 items of industry standard formulation and modification.

National Platform

Postdoctoral Research Center.
National Enterprise Technology Center.
National Local Joint Engineering Research Center of Key Technology and Material of Lithium Batteries.

Honors

- 4 China Excellent Patent Award covering primary lithium batteries, battery capacitors and lithium-ion batteries.
- 2 First Prize of Science and Technology Award in Guangdong Province.
- 1 China Light Industry Federation Science and Technology Invention First Prize.

Advanced Manufacturing Technology

The fully automated production line adopts advanced manufacturing, control and testing technologies to realize the automation of the entire process, improve the reliability and safety of the battery, which is a breakthrough of the production and manufacturing mode in the small lithium-ion battery industry.



Battery solutions for electronic atomizer

• **Applications** - serve the world's top 5 tobacco and electronic atomizer brands.

• **Solution advantages**

Comprehensive solutions

Prismatic pouch cell, cylindrical pouch cell, cylindrical cell.

Practical application

More than 1 billion electronic atomizer batteries have been sold.

Safety and reliability certification

UL1642, IEC62133, CQC, KC, BIS, UN38, Battery Directive+REACH.

Product core advantages

Customized, multi-material systems (LCO, NCM, LFP), 4.2V-4.4V voltage range to meet different application scenarios, fast charge(3-10C), high rate(up to 30C discharge), high energy density, long cycle life, high reliability, etc.

• **Product list**

Pouch cell						
Model	Max. Dimension (mm)	Capacity (mAh)	Nominal Voltage (V)	Working Voltage Range (V)	Charging Current(C)	Max. Discharging Current(C)
EVE801437GX	8.0x14.5x36.0	400	3.85	3.0 ~ 4.4	3	12
EVE112551GX	11.0x25.0x49.0	1540	3.85	3.0 ~ 4.4	1	4.5
EVE08570H2	8.5x8.2x57.5	330	3.7	3.0 ~ 4.2	1	9
EVE13450CX	13.3x12.5x46.5	650	3.7	3.0 ~ 4.2	1	11
ICA23600CX	23.0x21.6x61.0	2750	3.7	3.0 ~ 4.2	1	7
Cylindrical cell						
Model	Diameter x Height (mm)	Capacity (Ah)	Nominal Voltage (V)	Working Voltage Range (V)	Weight (g)	Energy Density (Wh/kg)
ICR18650/20P	18.35x65.0	2.0	3.6	2.5 ~ 4.2	43±2	167
INR18650/29V	18.35x65.0	2.85	3.6	2.5 ~ 4.2	44.5±2	231

Note: the above data comes from EVE's laboratory.



Battery solutions for consumer electronics

• Applications - serve global first-tier consumer brands.


Smart Band


Smart Watch


Smart Speaker


Portable Printer


Stylus


Tablet


POS Terminal

• Solution advantages

Comprehensive solutions

Prismatic pouch cell, cylindrical pouch cell, cylindrical cell.

Practical application

More than 11 years of market application. Safe and reliable.

Safety and reliability certification

UL1642, IEC62133, CQC, KC, PSE, BIS, UN38.3, Battery Directive+REACH.

Product core advantages

Customized, voltage range from 4.2V-4.45V, fast charge(1-5C), high energy density, long cycle life, high reliability, etc.

• Product list

Model	Max.Dimension (mm)	Capacity (mAh)	Nominal Voltage (V)	Working Voltage Range (V)	Max. Charging Current(C)	Max. Discharging Current(C)
411525QH	4.12x14.5x23.2	180	3.87	3.0-4.45	1	1
582624QH	5.72x25.4x22.0	440	3.87	3.0-4.45	1	1
425056BH	4.45x50.5x57.4	2000	3.80	3.0-4.35	1	1
552528GH	5.5x24.8x28.2	472	3.85	3.0-4.4	1	1
761833QH	7.6x18.7x33.2	590	3.87	3.0-4.45	1	1.25
64340CH	Φ6.4x33.9	75	3.70	3.0-4.2	1	1
103436CH	9.9x34x36	1500	3.70	3.0-4.2	1	1
542067BH	5.36x19.8x67.3	1020	3.80	3.0-4.35	2	1

Note: the above data comes from EVE's laboratory.



Battery solutions for TWS headset

- **Application** - serve global first-tier headset brands.



TWS Headset



TWS Headset
Charging Box



Hearing Aids

- **Solution advantages**

Comprehensive solutions

Possesses Bean Cell and pouch cell, diverse product systems including energy density type and fast charge type.

All-round patent portfolio

Over 108 patents (including the ones under application) related to the Bean Cell.

Safety and reliability certification

CQC(GB31241), UL1642, UN38.3, CB(IEC62133), BIS, Battery Directive+REACH.

Product core advantages

Small size, high energy density, safe and reliable, good dimensional stability, low expansion rate after use.

Suitable for various harsh environment applications, such as over-discharge, drop, vibration, extrusion, etc.

- **Product list - pouch cell**

Model	Max. Dimension (mm)	Capacity (mAh)	Nominal Voltage (V)	Max. Charging Current (C)	Max. Discharging Current (C)	Application
542524GH	5.42x25.3x24.3	460	3.85	1.0	1.0	Charging box
552528GH	5.54x24.75x28.15	472	3.85	0.8	1.0	Charging box/ Smart watch
EVE752026CH	7.51x20.3x26.2	400	3.7	1.0	1.0	Charging box

Note: the above data comes from EVE's laboratory.



- **Product list - Bean Cell**

Model	Max. Diameter (mm)	Max. Height (mm)	Nominal Voltage(V)	Max. Charging Voltage (V)	Typical Capacity (mAh)	Max. Charging Rate	Working Temperature Range(°C)	Weight (g)
Standard Version								
ICB1154	11.1	5.6	3.7	4.2	50	2C	-20 ~ +60	1.6
ICB1240	12.1	4.2	3.7	4.2	50	2C	-20 ~ +60	1.5
ICR1254	12.1	5.6	3.7	4.2	65	2C	-20 ~ +60	1.8
ICB1040	10.2	4.3	3.7	4.2	35	1C	-20 ~ +60	1.1
ICB1045	10.1	4.8	3.7	4.2	40	1C	-20 ~ +60	1.2
High Energy Version								
ICB1045	10.1	4.8	3.85	4.4	45	1C	-20 ~ +60	1.2
ICB1050	10.2	5.3	3.7	4.2	45	2C	-20 ~ +60	1.3
ICB1250	12.1	5.2	3.85	4.4	61	2C	-20 ~ +60	1.7
ICB1250H	12.1	5.2	3.85	4.4	70	2C	-20 ~ +60	1.8
ICB1254H	12.1	5.6	3.87	4.45	80	1C	-20 ~ +60	1.8
ICB1454	14.1	5.6	3.85	4.4	100	2C	-20 ~ +60	2.3
Fast Charge Version								
ICB1040	10.2	4.3	3.85	4.4	38	3C	-20 ~ +60	1.1
ICB1154	11.1	5.6	3.85	4.4	57	5C	-20 ~ +60	1.6
ICB1254	12.1	5.6	3.85	4.4	62	5C	-20 ~ +60	1.8
NCM Series								
INB1250	12.1	5.2	3.7	4.2	61	3C	-20 ~ +60	1.7
INB1254	12.1	5.6	3.7	4.2	63	3C	-20 ~ +60	1.8
ICR1454S	14.1	5.6	3.7	4.2	90	2C	-20 ~ +60	2.3

Note: the above data comes from EVE's laboratory.



Battery solutions for power tools and gardening tools

• **Application** - serve the world's top 10 power tool brands and first-tier gardening tool brands.

• **Solution advantages**

Comprehensive solutions

Cylindrical NCM cell, prismatic LFP cell, prismatic NCM cell.

Practical application

More than 1.2 billion batteries had been sold worldwide.

Safety and reliability certification

CQC, UL, UN, IEC, BIS, etc.

Product core advantages

Low internal resistance, high capacity, large discharge rate, good safety performance.

• **Product List**

Cylindrical NCM Cell						
Model	Diameter x Height (mm)	Capacity (Ah)	Nominal Voltage (V)	Working Voltage Range (V)	Weight (g)	Energy Density (Wh/kg)
ICR18650/15P	18.35x65.00	1.5	3.6	2.5 ~ 4.2	40±2	135
ICR18650/20P	18.35x65.00	2.0	3.6	2.5 ~ 4.2	43±2	167
INR18650/25P	18.35x65.00	2.5	3.6	2.5 ~ 4.2	45±2	200
INR21700/40P	21.15x70.15	4.0	3.6	2.5 ~ 4.2	67±2	215

Note: the above data comes from EVE's laboratory.



Battery solutions for electric two-wheelers

• **Application** - serve global first-tier electric two-wheelers brands.

• **Solution advantages**

Comprehensive solutions

Cylindrical NCM cell, cylindrical LFP cell.

Practical application

More than 1.2 billion batteries had been sold globally.

Safety and reliability certification

CQC, UL, UN, IEC, BIS, etc.

Product core advantages

High energy density, high capacity, long cycle life, low self-discharge rate.

• **Product List**


Cylindrical NCM Cell						
Model	Diameter x Height (mm)	Capacity (Ah)	Nominal Voltage (V)	Working Voltage Range (V)	Weight (g)	Energy Density (Wh/kg)
ICR18650/26V	18.35x65.00	2.55	3.6	2.5 ~ 4.2	45±2	204
INR18650/29V	18.35x65.00	2.85	3.6	2.5 ~ 4.2	44.5±2	231
INR18650/33V	18.35x65.00	3.2	3.6	2.5 ~ 4.2	46±2	250
INR18650/35V	18.35x65.00	3.5	3.6	2.5 ~ 4.2	48±2	263
INR21700/50E	21.15x70.15	5.0	3.6	2.5 ~ 4.2	69±2	260
Cylindrical LFP Cell						
C33	33x140	15	3.2	2.5 ~ 3.65	266	185
C40	40x135	20	3.2	2.5 ~ 3.65	356	185

Note: the above data comes from EVE's laboratory.

Customized battery pack

In addition to cells, EVE also provides one-stop solutions for the design, manufacturing, testing, certification, sales, and service of customized battery packs with core advantages such as advanced BMS development, high-standard quality management, comprehensive safety protection and advanced manufacturing technology.

• Advanced Manufacturing Technology




Informative
Traceability of entire process



Automatic
On-site automatic detection



Wide application
40-300pcs



Anti-static workshop
Air cleanliness class: ISO Class 6

• Product List

Model	Capacity (Ah)	Nominal Voltage (V)	Working Voltage Range(V)	Working Temperature Range(°C)	Application
X1751	12.5	54	42 ~ 63	-20 ~ 60	E-scooter
X2801	9	72	55 ~ 84	-20 ~ 60	Electric Unicycle
X2961	9	86	66 ~ 100	-20 ~ 60	Electric Unicycle
L13201	40	72	55 ~ 84	-20 ~ 60	Electric Two-wheelers
KL1401	12	36	28 ~ 42	-20 ~ 60	E-scooter

Note: the above data comes from EVE's laboratory.

