



The Battery Show Asia 2026 Conference

March 10-12, 2026, at AsiaWorld-Expo, Hong Kong

Conference Overview

The Battery Show Asia 2026, co-located with Energy Storage Asia and Mobility Tech Asia, is a premier platform showcasing the latest innovations in battery, energy storage, and mobility technologies. The event brings together leading industry players, technology innovators, and global professionals across the value chain.

The conference program features 15 focused tracks covering industry development, international collaboration, technological innovation, and emerging market applications. With over 150 industry experts and business leaders sharing their insights, the event is expected to attract more than 1,000 delegates from around the world.

Conference Agenda At-A-Glance

| Time | Conference Agenda |
|--------------------|---|
| March 10-Day One | |
| 10:00-10:30 | Opening Ceremony & Opening Addresses |
| 10:30-12:30 | Plenary Keynotes: Innovation & Convergence: Powering Sustainable Growth in Global Battery Technology, Energy Storage, and E-Mobility |
| 13:30-17:10 | TBSA Tech Track A: Next-Gen Battery Manufacturing & Quality Assurance |
| 13:20-15:25 | TBSA Tech Track E: Battery Recycling and Sustainable Development |
| 15:30-17:50 | TBSA Tech Track C: Solid-State Battery Technology and Application |
| 14:00-17:40 | International E-Mobility Charging & Battery Swapping Innovation Summit |
| 14:00-17:30 | CCPIT Zhejiang Match Making Event |
| March 11-Day Two | |
| 10:30-15:30 | International Energy Storage Technology & Application Summit (Keynotes) International Energy Storage Technology & Application Summit |
| 10:30-12:50 | TBSA Tech Track D: Advanced Battery Technologies and Emerging Trends |
| 10:30-12:30 | TBSA Tech Track F: AI and Digital Innovation in Battery Technology |
| 10:30-12:55 | Southeast Asia New Energy Market Analysis and Industry Collaboration Forum |
| 13:20-15:35 | EV Technology Innovation Summit |
| 15:45-17:55 | TBSA Tech Track B: Comprehensive Battery Safety Solutions Across Lifecycle |
| 15:45-17:45 | Market Trend Insights Forum on Battery & E-Mobility |
| 15:30-17:50 | Open Tech Forum: Emerging Applications of Battery and Electric/Hybrid Technology |
| 14:00-17:30 | Concurrent Event: OFweek 2026 (10th) Power Battery Industry Annual Conference and Industry Selection Awards Ceremony |
| March 12-Day Three | |
| 10:30-12:40 | International Hydrogen Technology and Industry Summit |
| 10:30-12:30 | Battery and E-Mobility Investment Forum |
| 10:30-17:00 | Concurrent Event: OFweek 2026 (10th) Power Battery Industry Annual Conference and Industry Selection Awards Ceremony |



Opening Ceremony & Opening Addresses

- Time: 10:00-10:30, March 10
- Location: Main Stage, Hall 8

Plenary Keynotes

Innovation & Convergence: Powering Sustainable Growth in Global Battery Technology, Energy Storage, and E-Mobility

This high-level plenary session brings together global leaders and industry pioneers in battery technology, energy storage, and e-mobility for visionary keynotes and executive dialogues. The session will delve into the latest policy frameworks, market transformations, and technological breakthroughs that are driving sustainable growth and shaping the future of the global energy and mobility ecosystem.

- Time: 10:30-12:30, March 10
- Location: Main Stage, Hall 8

TBSA Tech Tracks

The TBSA Tech Tracks feature six thematic conferences covering key topics such as battery manufacturing, battery safety, advanced battery technologies, solid-state batteries, battery recycling, and the application of AI in battery systems. Global technical experts and strategic leaders across the battery industry will share innovative solutions and explore industrial pathways, driving the next wave of technological advancement.

TBSA Tech Track A: Next-Gen Battery Manufacturing & Quality Assurance

- Conference Date: March 10, 2026
- Location: Conference Room A, Hall 3

| Time | Agenda |
|-------------|--|
| 13:30-13:35 | Opening by Moderator |
| 13:35-13:55 | Advanced Testing Practices for Next-Generation EV Batteries |
| 13:55-14:15 | Accelerated Aging Methods for Lifetime Prediction |
| 14:15-14:35 | Novel Processes and Equipment for Consistent Cell Manufacturing |
| 14:35-14:55 | Intelligent Quality Monitoring Systems in Production |
| 14:55-15:35 | Panel Discussion: West Meets East - Global Battery Cell Dialogue |
| 15:35-15:55 | Advances In Electrode Coating and Defect Inspection |
| 15:55-16:15 | Process Optimization for Yield Improvement and Cost Reduction |
| 16:15-16:35 | Supply Chain Stability and Quality Management Practices |



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|-------------|---|
| 16:35-16:55 | AI Applications for Battery Manufacturing Value Chain |
| 16:55-17:05 | Q&A |
| 17:05-17:10 | Conference Close |

TBSA Tech Track B: Comprehensive Battery Safety Solutions Across Lifecycle

- Conference Date: March 11, 2026
- Location: Conference Room B, Hall 6

| Time | Agenda |
|-------------|---|
| 15:45-15:50 | Opening by Moderator |
| 15:50-16:10 | Design for Safety: Approaches to Battery Architecture and Thermal Management |
| 16:10-16:30 | Safe Manufacturing Practices: Minimizing Defects and Ensuring Quality in Battery Production |
| 16:30-16:50 | Comprehensive Risk Management, Assessing and Mitigating Hazards Across Battery Cycle |
| 16:50-17:10 | Advances In Fire Protection and Suppression for Battery System |
| 17:10-17:30 | Safety In Battery End-Of-Life Handling, Recycling and Second-Use Applications |
| 17:30-17:50 | Cooling Systems and Mitigation of Thermal Runaway |
| 17:50-17:55 | Conference Close |

TBSA Tech Track C: Solid-State Battery Technology and Application

- Conference Date: March 10, 2026
- Location: Conference Room B, Hall 6

| Time | Agenda |
|-------------|---|
| 15:30-15:35 | Opening by Moderator |
| 15:35-15:55 | Global Competition Landscape and Technology Roadmap for Solid-State Batteries |
| 15:55-16:15 | Safety and Performance Advantages of Solid-State Batteries for EVs |
| 16:15-16:35 | Material Innovations Driving Solid-State Battery Development |
| 16:35-16:55 | From Lab to Market: Scaling Up Solid-State Battery Manufacturing |
| 16:55-17:15 | Solid-State Batteries: Unlocking Energy Storage Advancements |
| 17:15-17:35 | Beyond EVs: Expanding Solid-State Battery Applications in Consumer Electronics and Grid Storage |
| 17:35-17:45 | Q&A |
| 17:45-17:50 | Conference Close |

TBSA Tech Track D: Advanced Battery Technologies and Emerging Trends

- Conference Date: March 11, 2026
- Location: Conference Room A, Hall 3

| Time | Agenda |
|-------------|---|
| 10:30-10:35 | Opening by Moderator |
| 10:35-10:55 | Future Development Directions and Industrialization Trends of Advanced Battery Technologies |
| 10:55-11:15 | Technological Breakthroughs and Commercialization Pathways of Sodium-Ion Batteries |
| 11:15-11:35 | High-Power Battery Design and Application Prospects |
| 11:35-11:55 | Design and Development of High-Performance Large Cylindrical Batteries |
| 11:55-12:15 | Innovative Battery Systems: Lithium-Sulfur, Multivalent-Ion, and Zinc-Ion Batteries |
| 12:15-12:35 | Standards and Certifications for Emerging Battery Technologies |
| 12:35-12:45 | Q&A |
| 12:45-12:50 | Conference Close |

TBSA Tech Track E: Battery Recycling and Sustainable Development

- Conference Date: March 10, 2026
- Location: Conference Room B, Hall 6

| Time | Agenda |
|-------------|--|
| 13:20-13:25 | Opening by Moderator |
| 13:25-13:45 | Battery Recycling and Raw Material Recovery: Technologies and Innovations in Chemical Separation, Direct Recycling and Closed-Loop Systems |
| 13:45-14:05 | Business Models and Technical Pathways for Repurposing EV Battery Packs: Certification, Testing and Safety Protocols |
| 14:05-14:25 | Second-Life Battery Examples: Energy Storage Projects Using Retired EV Batteries, Micro-Grid Integration and Lifecycle Assessment |
| 14:25-14:45 | Solutions for Circularity in Battery Ecosystems, Policy Incentives, Take-Back Schemes, OEM-End-Of-First-Life Partnerships |
| 14:45-15:20 | Panel Discussion: Battery Recycling Landscape- Market Dynamics, Government Policies and Incentives, Emerging Technology Players, Interstate/ International Collaboration |
| 15:20-15:25 | Conference Close |

TBSA Tech Track F: AI and Digital Innovation in Battery Technology

- Conference Date: March 11, 2026
- Location: Conference Room B, Hall 6

| Time | Agenda |
|-------------|---|
| 10:30-10:35 | Opening by Moderator |
| 10:35-10:55 | AI-Driven Battery Material Discovery and Performance Prediction |
| 10:55-11:15 | Digital Twin Applications in Battery Lifecycle Management |
| 11:15-11:35 | AI Algorithms for Fast Charging and Battery Lifetime Optimization |
| 11:35-11:55 | Factory Digitalization and AI-Based Quality Inspection |
| 11:55-12:15 | Battery Predictive Safety and Maintenance Using AI Technologies |
| 12:15-12:25 | Q&A |
| 12:25-12:30 | Conference Close |

International Energy Storage Technology & Application Summit

This Summit will gather global experts and industry leaders to explore the latest developments in batteries, energy storage technologies, system integration, and smart operation. The summit will also cover market trends, investment opportunities, and industry's best practices, providing a platform for knowledge sharing and networking.

- Conference Date: March 11, 2026
- Location: Main Stage, Hall 8 and Conference Room A, Hall 3

| Time | Agenda |
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| Keynotes: Battery Energy Storage Innovation and Industrial Synergy (Main Stage, Hall 8) | |
| 10:30-10:40 | Opening Remarks |
| 10:40-11:00 | New Battery Energy Storage Technology: Latest Developments on Sodium-Ion Batteries, Solid Batteries, Flow Batteries, and Second-Use EV Batteries |
| 11:00-11:20 | Critical Technologies Including Battery Management Systems (BMS), Fire Prevention & Mitigation and Cooling Solutions |
| 11:20-11:40 | Integrated Development of Energy Storage and Photovoltaic, Wind Power, Hydrogen Energy |
| 11:40-12:00 | Investment and International Industry Chain Synergetic Development |
| 12:00-12:30 | Exclusive Dialogue: Latest Development Trends, Policies and Business Models of Global and Asian Energy Storage Markets |
| 12:30-12:40 | Q&A |
| 12:40-14:00 | Networking Lunch & Exhibition Visiting |
| Battery Energy Storage System (BESS) Integration, Safety Operation and Applications (Conference Room A, Hall 3) | |
| 13:30-13:35 | Opening By Moderator |



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|-------------|---|
| 13:35-13:55 | Large-Scale Energy Storage Power Station System Integration Technology and Case Studies |
| 13:55-14:05 | Lifecycle Safety Management Of BESS: Warning, Inspection, and Protection |
| 14:05-14:25 | Climate Impact on BESS Reliability: High Humidity, High Temperature and Harsh Environments |
| 14:25-14:45 | Smart Operation and Maintenance: The Application of AI, Big Data, and IoT in BESS Monitoring for Longevity and Safety |
| 14:45-15:05 | Application Experience In C&I Energy Storage, Charging, Microgrid, and Data Center |
| 15:05-15:25 | Standardization, Testing and Certification of Energy Storage Industry |
| 15:25-15:30 | Conference Close |

MTA Summits

The Mobility Tech Asia Summits focus on the latest developments in new energy mobility and foster international collaboration. Highlighting cutting-edge EV technologies, charging and battery swapping innovations, as well as hydrogen energy and fuel cell breakthroughs, the summits aim to collectively shape the future of sustainable mobility and advance industrial progress worldwide.

EV Technology Innovation Summit

- Conference Date: March 11, 2026
- Location: Conference Room B, Hall 6

| Time | Agenda |
|-------------|---|
| 13:20-13:25 | Opening by Moderator |
| 13:25-13:45 | Next-Generation of Advanced Power Battery Technologies and Key Materials |
| 13:45-14:05 | Intelligent Chassis and CTC (Cell-To-Chassis) Design |
| 14:05-14:25 | Standard for Integrated Design of Power Battery Chassis Structures |
| 14:25-14:45 | Integrated Solutions for Batteries and Vehicle Thermal-Management |
| 14:45-15:05 | Key Technologies for Human–Machine Interaction (HMI) Systems and Intelligent Cockpit Control |
| 15:05-15:25 | Multi-Energy Replenishment Systems for EVs: Photovoltaic Charging, Fast Charging, Wireless Charging, And Other Technologies |
| 15:25-15:35 | Q&A and Conference Close |

International E-Mobility Charging & Battery Swapping Innovation Summit

- Conference Date: March 10, 2026
- Location: Main Stage, Hall 8

| Time | Agenda |
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|-------------|--|
| 14:00-14:05 | Opening by Moderator |
| 14:05-14:25 | Global & Asian EV Charging Market Outlook: Growth, Trends, and Investments |
| 14:25-14:45 | Public-Private Partnerships and Policy Interpretation- Promoting the Construction of the Charging and Battery-Swapping Ecosystem |
| 14:45-15:05 | Fast Charging Vs. Ultra-Fast Charging: Technology, Safety, and Grid Impact |
| 15:05-15:25 | Battery Swapping Models: Lessons From Asia's Two-Wheeler and Commercial EV Markets |
| 15:25-15:45 | Innovations In Wireless, Inductive & Smart Charging |
| 15:45-16:05 | Grid Modernization for Mass EV Adoption |
| 16:05-16:25 | Vehicle-To-Grid (V2G), Vehicle-To-Home (V2H) and Vehicle-To-Everything (V2X) Opportunities |
| 16:25-16:45 | Renewable Energy Integration with Charging Infrastructure |
| 16:45-17:05 | Sustainable Business Models for Charging Operators |
| 17:05-17:25 | Role Of E-Commerce & Digital Platforms in EV Charging Market Growth |
| 17:25-17:35 | Q&A |
| 17:35-17:40 | Conference Close |

International Hydrogen Technology and Industry Summit

- Conference Date: March 12, 2026
- Location: Conference Room B, Hall 6

| Time | Agenda |
|-------------|--|
| 10:30-10:35 | Opening by Moderator |
| 10:35-10:55 | Hydrogen Market Trends: Growth, Opportunities and Challenges, and Global Collaboration for A Sustainable Hydrogen Future |
| 10:55-11:15 | Breakthroughs In Green Hydrogen Production |
| 11:15-11:35 | Advanced Technologies and Solutions for Hydrogen Storage and Transportation |
| 11:35-11:55 | Next-Generation of Components and Advanced Materials in Hydrogen Energy and Fuel Cells |
| 11:55-12:15 | Hydrogen Use Cases in Mobility, Industry and Power Generation |
| 12:15-12:35 | Smart Energy Management and Hydrogen Grid Integration |
| 12:35-12:40 | Q&A and Conference Close |

Open Tech Forum: Emerging Applications of Battery and Electric/Hybrid Technology

This open tech forum will bring together industry experts and innovators to discuss the latest technological advancements, cross-sector insights, and application trends driving the development of battery and electric/hybrid.

- Conference Date: March 11, 2026



- Location: Open Tech Forum, Hall 6

| Time | Agenda |
|-------------|---|
| 15:30-15:35 | Opening by Moderator |
| 15:35-15:50 | Commercial Vehicles (Trucks, Buses, Logistics Fleets): High-Capacity, Long-Life, and Fast-Charging Systems for Heavy-Duty Transport |
| 15:50-16:05 | Next-Generation Batteries for Electric Two- and Three-Wheelers: Lightweight, Safe, and Cost-Efficient Solutions for Urban Mobility and Last-Mile Delivery |
| 16:05-16:20 | Marine and Offshore Applications: Energy-Dense and Durable Batteries for Ferries, Yachts, and Port Machinery |
| 16:20-16:35 | Electric Aviation & eVTOL: Ultra-Lightweight, High-Power Batteries for Aircraft, Drones, and Air Taxis |
| 16:35-16:50 | Robotics & Industrial Equipment: High-Power, Quick-Charging Batteries for Service Robots, Warehouse Automation, and Autonomous Delivery |
| 16:50-17:05 | Consumer Electronics & Wearables: Miniaturized and Flexible Batteries for IoT Devices, Wearables, and Portable Gadgets |
| 17:05-17:20 | Specialized Small-Format Applications: Design, Safety, and Regulatory Challenges for E-Cigarettes, Medical Devices, and Implants. |
| 17:20-17:35 | Cross-Sector Innovation: Lessons from Niche Markets That Can Inform Mainstream EV and Energy Storage Development |
| 17:35-17:45 | Q&A |
| 17:45-17:50 | Conference Close |

**Open for Visitors*

Market & Investment Forums

These forums highlight emerging opportunities, policy trends, and cross-border collaborations in Southeast Asia, while examining global industry transformations, technological innovations, and investment strategies shaping the future of battery, energy storage, and e-mobility.

Southeast Asia New Energy Market Analysis and Industry Collaboration Forum

- Conference Date: March 11, 2026
- Location: Open Tech Forum, Hall 6

| Time | Agenda |
|-------------|---|
| 10:30-10:35 | Opening By Moderator |
| 10:35-10:55 | Mapping Southeast Asia's New Energy Landscape: Growth Drivers and Investment Hotspots |
| 10:55-11:15 | Policy Development and Regional Integration for A Sustainable Energy Future |
| 11:15-11:35 | Technology Innovation and Localization Strategies for Emerging Energy Markets |
| 11:35-11:55 | Opportunities for Chinese Enterprises in Southeast Asia's New Energy Market |



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| 11:55-12:15 | Financing The Future: Investment Trends in Clean Energy and E-Mobility Ecosystems |
| 12:15-12:45 | Panel Discussion: Building Win-Win Collaboration Between China and Southeast Asia in the Energy Transition |
| 12:45-12:55 | Q&A and Conference Close |

Market Trend Insights Forum on Battery & E-Mobility

- Conference Date: March 11, 2026
- Location: Conference Room A, Hall 3

| Time | Agenda |
|-------------|--|
| 15:45-15:50 | Opening by Moderator |
| 15:50-16:10 | Battery Supply Chain Transformation and Sustainability Challenges |
| 16:10-16:30 | Regional Insights: Comparing Innovation Pathways in Europe, China, and US |
| 16:30-16:50 | Market Report on the Next-Generation of Energy Storage in a Decarbonized World |
| 16:50-17:10 | Analysis of Market Trends Shaping the Future of E-Mobility |
| 17:10-17:30 | Global Battery Market Outlook: Key Growth Drivers and Regional Shifts |
| 17:30-17:40 | Q&A |
| 17:40-17:45 | Conference Close |

Battery and E-Mobility Investment Forum

- Conference Date: March 12, 2026
- Location: Open Tech Forum, Hall 3

| Time | Agenda |
|-------------|---|
| 10:30-10:35 | Opening by Moderator |
| 10:35-10:55 | Investing In the Future: Opportunities Across the Battery and Energy Value Chain |
| 10:55-11:15 | Capital Flow and Financing Models Driving the Energy Transition |
| 11:15-11:35 | Investment Trends and Opportunities in Regional Markets (US/Australia) |
| 11:35-11:55 | Investment Trends and Opportunities in Regional Markets (Europe) |
| 11:55-12:15 | Investment Trends and Opportunities in Regional Markets (Southeast Asia/Other Emerging Markets) |
| 12:15-12:25 | Q&A |
| 12:25-12:30 | Conference Close |

Concurrent Event: OFweek 2026 (10th) Power Battery Industry Annual Conference and Industry Selection Awards Ceremony

Organized by: OFweek

Conference Theme: Stepping Up the Industry, Energizing the Future

Conference Overview: On August 1, 2025, China's first mandatory national standard for energy storage—GB 44240-2024 Safety Requirements for Lithium Batteries and Battery Packs Used in Electrical Energy Storage Systems came into effect. GB 38031-2025 Safety Requirements for Power Batteries for Electric Vehicles, hailed as the "strictest battery safety standard in history," will take effect on July 1, 2026. Under these stringent regulations, what trends will emerge in lithium battery technology? How will newcomers like all-solid-state batteries, sodium-ion batteries, and vanadium batteries reshape the market landscape and what challenges and opportunities will they bring?

To foster innovative collaboration across the industrial chain, strengthen strategic partnerships and resource integration, and accelerate the stable development of the lithium battery ecosystem, OFweek and its lithium battery vertical OFweek Lithium will host the "OFweek 2026 (10th) Power Battery Industry Annual Conference and Industry Selection Awards Ceremony" on March 11-12, 2026, in Hong Kong, China.

- Conference Date: March 11-12, 2026
- Location: Main Stage, Hall 8

Updated by December 3, 2025