

Custom
Application
Design
Available

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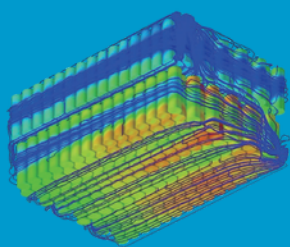


Founded in 2015 in Taipei, Taiwan by Tesla and Panasonic veterans, XING Mobility designs and manufactures Immersion-Cooled Battery Systems for electric vehicles and energy storage systems. XING Mobility's patented immersion cooling technology offers superior thermal management with industry-standard Li-ion batteries, to offer versatile battery systems with ultra-fast charging capability and unprecedented safety.



IMMERSIO™ XBE200

Cooling the Battery Revolution
with Immersion Technology



Superior Cooling

Faster Charging

Enhanced Active Safety

Extended Battery Life

Versatility

Immersion Cooling for Energy Storage Systems
Designed for Reliability, Built for Sustainability

Redefining Energy Efficiency: XBE200 Series

Leveraging the unmatched safety and thermal management of immersion cooling, XING Mobility presents a fully immersed Battery Energy Storage System (BESS). By submerging battery cells in a non-conductive coolant, this system ensures exceptional safety and precise temperature control, maximizing the performance and lifespan for energy storage. This innovative approach enables high-power performance, improved integration efficiency, and cost reduction. With deep integration expertise and flexible product and business models, XING Mobility is ready to support your sustainable energy objectives.

Unmatched Reliability

- Active thermal runaway suppression
- Durable & Protective Design: corrosion, dust, and water-resistant for outdoors
- 50 kWh pack passed nail penetration test

Enhanced Performance for Maximized ROI

- Extended cycle life by up to 2X*
*Data may vary with site conditions
- Reduced fire protection requirements
- Efficient energy management: 1P charge, 2P discharge

Scalable & Customizable Solutions

- Easy installation and maintenance
- Scalable: supports 10+ cabinets in parallel
- AC system optional for flexibility

Proven & Ready to Deploy

- Certified: IEC62619
- Design compliance for IEC62933-5-2, UL9540, and JIS-C-8715-2
- Validated in wind power & arctic conditions

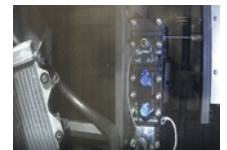
Applications:



XBE Series Specifications		
	XBE200A	XBE1000
Pack Model	XM25 or XE50 (Certified: IEC62619, UL1642, UL9540A, UN38.3)	
Energy	204 kWh	1,000 kWh
Min / Max Voltage	540 V / 800 V	
Rated Voltage	708 V	
P Rate	1P charge, 2P discharge	
Design Compliance	IEC62933-5-2, UL9540, JIS-C-8715-2	
Operating Temperature	-30~70 °C	
Storage Temperature	-30~70 °C	
Dimension (W*D*H)	1960*1624*2270 mm	4316*1725*2270 mm
Dry Weight	3,500 kg	10,000 kg
Ingress Protection	Pack: IP67, Rack: IP54	

* Flexible Configurations: PCS and EMS integrated, based on requirements.

Thermal Runaway Suppression



With Immersion Cooling
Stable



Without Immersion Cooling
Exploded

Watch how immersion cooling thermal runaway risk was controlled during a nail penetration test

