



IMMERSIO™
XBE10ft Container

IMMERSIO™ XBE1000

IMMERSIO™ XBE200

Immersion Cooling for Energy Storage Systems

Designed for Reliability, Built for Sustainability

Redefining Energy Efficiency: XBE 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

Scalable & Customizable Solutions

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

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

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	XBE10ft Container	XBE570
Pack Model	XM25			XE50
	Certified: IEC62619, UL1642, UL9540A, UN38.3			
Energy	204 kWh	1,020 kWh		574 kWh
Min / Max Voltage	540 V / 800 V			1000 V / 1500 V
Rated Voltage	708 V			1,328 V
P Rate (Capability)	1P charge, 1P discharge	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 mm)	1960*1624*2270	4316*1725*2270	2991*2438*2591	1812*2524*2549
Dry Weight	3,500 kg	10,000 kg	11,000 kg	6,700 kg
Ingress Protection	Pack: IP67, Cabinet / Container: IP54			

* Flexible Configurations: PCS and EMS integrated, based on requirements. ** XBE1000 defaults to 0.5P charge and discharge, supports 1P charge and 2P discharge. *** XBE10ft supports mobile deployment



Thermal Runaway Suppression



With Immersion Cooling
Stable



Without Immersion Cooling
Exploded

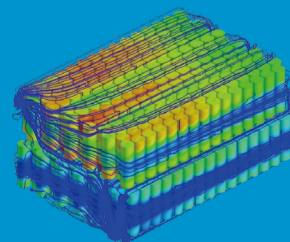
Watch how immersion cooling thermal runaway risk was controlled during a nail penetration test



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.

Cooling the Battery Revolution with Immersion Technology



Superior Cooling

Faster Charging

Enhanced Active Safety

Extended Battery Life

Versatility

Custom Application Design Available

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