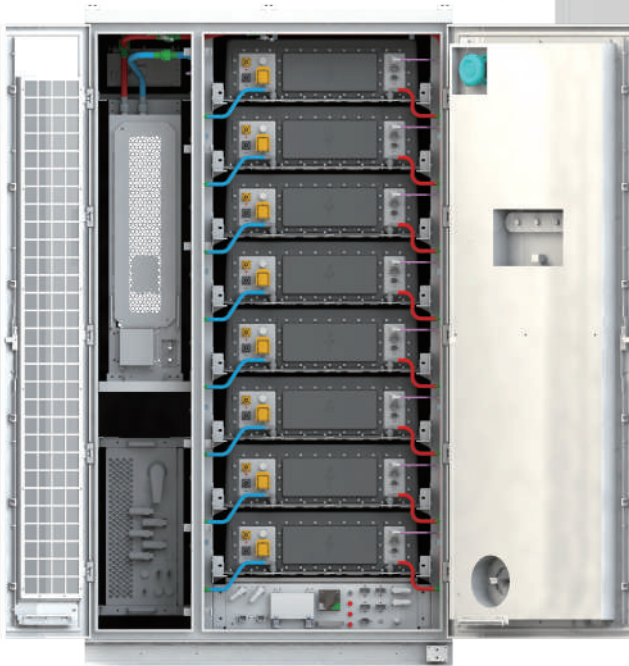




ESS Inside!!



# BXM 100/200L

High Voltage

Innovative All-In-One



- High Energy density per cluster
- Improved production
- Longer life time



- Liquid cooled
- Thermal management and fire protection for each cluster
- Isolation of faulty cluster



- Modular design and compact size
- System upgradability during the project life
- Convenient for transportation & Installation
- Suitable for various applications



- Simplified Maintenance per cluster
- Standardization of components enables
- Rapid repairs and replacements
- Minimizing downtime.

# BXM 100/200L

Innovative All-In-One

## Technical Datasheet

	BXM 100L	BXM 200L
<b>AC Parameters</b>		
Rated Power	50kW	100kW
Rated Output Voltage	400 V	400 V
Rated Grid Frequency	50 Hz / 60 Hz	
<b>DC Parameters</b>		
Battery Cell Type	LFP-280Ah	LFP-314Ah
Battery Module	1P16S/14.336 kWh	1P52S / 52.25 kWh
Electrical Configuration	1P112S	1P260S
Nominal Capacity	100.35 kWh	261kwh
Charge/Discharge Rate	≤ 0.5C	
Cycle Life	5000cycles, @25°C, 90% DOD, 70%SOH EOL	8000cycles, @25°C, 95% DOD, 70%SOH EOL
<b>General Parameters</b>		
Operating Mode	Back-up power supply, Peak Shaving and Valley Filling, Demand Control, Reactive Power Regulation	
Thermal Management	Fan-cooled	Liquid-cooled
Fire Protection System	Aerosol	
IP Rating	Battery Compartment: IP65, Electrical Compartment: IP54	
Operating Temperature	-20°C to 55°C (>45°C derating)	
Operating Humidity	0~95%, no-condensation	
Operating Altitude	≤ 3,000m (>3000, derating)	
Dimensions (W x D x H)	1,530 mm x 1,280 mm x 1,740 mm	1,000 mm x 1,350 mm x 2,350 mm
Weight	≈ 1,500 kg	3,000 kg
<b>Communication</b>		
Communication Interface	Ethernet/4G	
Communication Protocol	MODBUS-TCP, MQTT, IEC61850	

100L



200L



## Smart ESS

Bexie Group introduces a modular liquid cooled energy storage offer bringing smarter energy for the C&I market.

**BXM 100/200L**

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[www.bexiegroup.com](http://www.bexiegroup.com)

BEXIE GROUP designs, manufactures and delivers high-performance solar electric technology worldwide. Our high-efficiency solar cells enable us to produce different types of solar panels with highest efficiency.