

# C&I BATTERY CABINET

## BHF-X261D

The LIVOLTEK BHF-X Series is a versatile solution applicable to charging stations, factories, industrial parks, and commercial buildings. Designed for power storage, models BHF-X261 enable emergency power during outages, peak-load shifting, surplus energy trading, and virtual capacity enhancements. Boasting a high-density, modular design, these battery cabinet minimize spatial needs, enhance transportability, and simplify installation and maintenance, ensuring top efficiency from deployment through operation.

### Product Benefits

- Flexible layout with a footprint of only 1.3m²
- Supports 100% three-phase unbalanced loads
- High-efficiency liquid cooling temperature control, temperature difference between cores ≤ 2.5°C
- Intelligent energy management cloud platform, fine monitoring and diagnosis at the core level
- Proactive fire safety: comprehensive protection measures ensuring high security
- Long cycle life and high-quality LFP batteries



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BATTERY

Model	BHF-X261D
Battery Parameters	
Cell Type	LFP 3.2V / 314Ah
Battery Module Specification	52.24kWh / 1P52S
Battery Module Number	5
Battery System Configuration	261kWh / 1P260S
Nominal Voltage	832V
Operating Voltage	728 - 936V
Rated Charge/Discharge Current	157A/157A
System Parameters	
Topology	Non-isolated
Charge/Discharge Multiple	≤0.5P
Depth of Discharge	90% DOD
Operation Temperature	-30 ~ 60 °C
Relative Humidity	0 ~ 95% RH, Non-condensing
Dimension(W*H*D)	1000*2380*1350 mm
Weight	2730 kg
Altitude	≤4000m (>2000m derating)
Ingress Protection	IP54
Anti-corrosion Level	C3/C5 optional
Cooling	Liquid Cooling
Fire Protection System	Aerosol /Water
Communication Interface	RS485 / CAN / Ethernet / 4G / Wi-Fi