

C&I BATTERY CABINET

BHF - X193D / 209D / 225D

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 - X193D / 209D / 225D 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

- ⊞ Highly integrated for easy transportation and operation
- 👍 Reliable performance: high efficiency and 100% DOD
- 🔄 Long cycle life and high-quality LFP batteries
- 📦 Modular design and easy installation
- 🔧 Multiple configurations are available
- 🔥 Proactive fire safety: comprehensive protection measures ensuring high security

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BATTERY

Heating Capacity	BHF-X193D	BHF-X209D	BHF-X225D
Battery Parameters			
Cell Type	LFP 3.2V / 280Ah		
Battery Module Specification	1P18S / 57.6V / 16.128kWh		
Number of Battery Module	12	13	14
Battery System Configuration	1P216S	1P234S	1P252S
Nominal Voltage	691V	748V	806V
Operating Voltage	583 - 777V	631 - 842V	680 - 907V
Total Energy	193kWh	209kWh	225kWh
Rated Charge / Discharge Current	140A / 140A		
System Parameters			
Max. Efficiency of System	95%@0.5P		
Depth of Discharge	100%		
Operating Temperature	-20°C to 60°C		
Operating Humidity	5% - 95%RH		
Operating Altitude	<4000m		
Design Life	>15years@70%SOH, 25°C, 0.5P		
Communication	RS485 / CAN		
Auxiliary Power Supply	220Vac, L+N+PE, 50 / 60Hz		
Temperature Control Mode	Industrial - grade air conditioner(Cooling+Heating)		
Refrigerating Capacity	5.0kW		
Heating Capacity	3.0kW		
Noise	< 68dB		
Ingress Protection	IP55		
Fire Protection System	Smoke, Temperature, Combustible gas, Aerosol (Passive+Active Suppression)		
Dimension(W*H*D)	1500*2120*1200mm		
Weight	2240kg	2370kg	2500kg