

LIHUB SERIES INDUSTRIAL AND COMMERCIAL ENERGY STORAGE SYSTEM (SOLAR STORAGE AND OFF-GRID TYPE)

Main Features

Simple operation and maintenance: Lithium battery, PCS, photovoltaic MPPT, STS and other equipment are pre-installed in one total solution, shortening the installation and maintenance cycle.

Intelligent and efficient: Built-in EMS energy management system, and seamless switching of off-grid status, the system cycle efficiency reaches 90%.

Flexible and convenient: Wall-mounted inverter and independent cabinets are optional, supporting load, power grid, diesel generator, and photovoltaic simultaneous access, which is convenient for installation and deployment.

Safe and stable: Built-in fire protection and management system, fault and fire isolation between cabinets, no parallel circulation and capacity loss.

Application Fields

Industrial and commercial energy storage, micro-grid, new energy system, charging and swapping stations, family farms, etc.

Specification

	Model	LiHub-50kW193kWh-H	LiHub-50kW216kWh-H
PV	Maximum input power(kW)	50	
	MPPT voltage range(Vdc)	200~850	
	Maximum input current(A)	30*4	
Battery	Cluster capacity(kWh)	193	216
	Cluster rated voltage(Vdc)	691.2	
	Cluster voltage range(Vdc)	604.8~756	
	Maximum charge/ discharge current(Adc)	83/83	
Grid-connected	Rated power(kW)	50	
	Rated grid voltage(Vac)	230/400	
	AC system	3P+N+PE	
Off-grid	Apparent power(kVA)	50	
	Overload capacity	55kW/10min,60kW/1min	
	THDu	< 3% (Linear load)	
General	Maximum Efficiency	≥90%	
	Size W×D×H (mm)	1250×1150×2100+800×300×620	
	Weight(kg)	2330	
	Protection Class	IP55	
	Fire Fighting System	Aerosol	
	Cooling Method	Industrial air conditioner	
	Operating Temperature	-25℃~55℃	
	Communication Interface	RS485 (WiFi/4G/GPRS optional)	

For more models and capacities, please contact sales for consultation.



LIHUB SERIES INDUSTRIAL AND COMMERCIAL ENERGY STORAGE SYSTEM (ON-GRID TYPE)

Main Features

Simple operation and maintenance: All in one integrated design, reduces floor space and shortens installation, commissioning, and maintenance cycles.

Intelligent and efficient: Built-in BMS and EMS management system, more than 90% cycle efficiency; with multiple functional modes such as peak shaving and valley filling, demand management, demand response, power expansion, etc., to meet multi-scenario applications.

Flexible and convenient: Modular design, plug and play, can realize multiple configuration options of the system, expansion in stages, and random deployment.

Safe and stable: Built-in fire protection and management system, fault and fire isolation, parallel circulation and capacity loss are 0.

Application Fields

Industrial and commercial energy storage, micro-grid, new energy system, charging and swapping stations, family farms, etc.

Specification

Model	LiHub-110kW225kWh	LiHub-110kW253kWh	LiHub-125kW253kWh
Battery Parameters	LFP 3.2V/280Ah	LFP 3.2V/314Ah	LFP 3.2V/314Ah
Battery Capacity(kWh)	225	253	253
Battery Operating Voltage(Vdc)	806.4		
Rated power(kW)	110	110	125
Rated Grid Voltage(Vac)	230/400(-15%~+10%),3P+N+PE		
Rated Grid Frequency(Hz)	50		
Maximum Efficiency	≥90%		
Depth of Discharge	95%DOD		
Size W×D×H (mm)	1250×1150×2360		
Weight(kg)	2500		
Protection Class	IP55		
Fire Fighting System	Aerosol		
Cooling Method	Industrial Air Conditioning		
Operating Temperature	-25℃~55℃		
Communication method	Internet		

For more models and capacities, please contact sales for consultation.