



LIVO

Low Voltage
Battery System

5.12kWh

LFP

IP 65

Features



- Self-developed BMS, characterized by a multi-level distributed architecture design and high-accuracy acquisition and detection with a voltage error <math><5\text{mV}</math> and a current error <math><1\%</math>. The intelligent SOX algorithm of the neural network is used. Therefore, the charging and discharging efficiency is optimized
- Modular integrated design, wall-mounted; front wiring, simple installation, used right after plugging in; support parallel connection and expansion, convenient for system expansion
- Man-machine interaction design; monitor status and record failures in real time

Performance	
Battery Type	Lithium Iron Phosphate
Rated Energy (kWh)	5.12
Rated Voltage (Vdc)	51.2
Rated Capacity (Ah)	100 (1C)
Rated Charge Current (A)	50
Rated Discharge Current (A)	50
Max. Continuous Charge Current (A)	100
Max. Continuous Discharge Current (A)	100
Communication	RS485 / CAN2.0
Display	LED Indicator
Cycle Life	10 Years or 6000 Cycles (@80% DOD)
Protection	Double Safety Control [Bms, Circuit Protection], Over-Temperature Protection, Over-Current Protection, Short-Circuit Protection, Over-Charge Protection, Over-Discharge Protection
Warranty	5 Years (Standard)/10 Years (Optional)
Mechanical	
Dimensions[W*H*D] (mm)	520*550*200
Weight (kg)	55
Environment	
Storage Environment Temperature (°C)	-20 ~ +60
Discharge Temperature (°C)	-20 ~ +55
Charge Temperature (°C)	0 ~ +55
Relative Humidity	5% ~ 95%
Protection Level	IP65
Altitude (m)	≤3000
Cooling	Natural Cooling
Installation	[Indoor / Outdoor] Floor Standing, Wall-mounted
Certification	
Battery System	IEC 62619:2022, IEC 60730-1 Annex H
EMC Standards	EN/IEC 61000-6-1&3
Others	UN 38.3, RoHS 2.0, REACH

* Test Conditions - Temperature 25°C, at the beginning of life.

* Product specification may change without notice.