



LIVO-Y

Low Voltage
Battery System

5.12 kWh

LFP

IP 65



Features

- Intelligent control, dual safety protection
- Wide temperature range operation, adaptive to high and low temperatures in all weather conditions
- Wall-mounted design, efficient space utilization
- Multiple units can be operated in parallel, allowing for flexible capacity expansion

LIVO-Y

Low Voltage Battery System

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 Light Panel/Display Screen(Optional)
Cycle Life	6000 cycles (@90%DOD 70%SOH)
Protection	Double Safety Control [Bms, Circuit Protection], Over-Temperature Protection, Over-Current Protection, Short-Circuit Protection, Over-Charge Protection, Over-Discharge Protection
Parallel Connection	up to 16 Units
Warranty	5 Years (Standard)/10 Years (Optional)
Mechanical	
Dimensions[W*H*D] (mm)	450*540*140
Weight (kg)	45
Environment	
Storage Environment Temperature (°C)	-20 ~ +55
Discharge Temperature (°C)	-15 ~ +55
Charge Temperature (°C)	0 ~ +50
Relative Humidity	5% ~ 95%
Protection Level	IP65
Altitude (m)	≤2000
Cooling	Natural Cooling
Installation	[Indoor / Outdoor] Wall-mounted Installation
Certification	
Others	UN 38.3

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

*Product specification may change without notice.