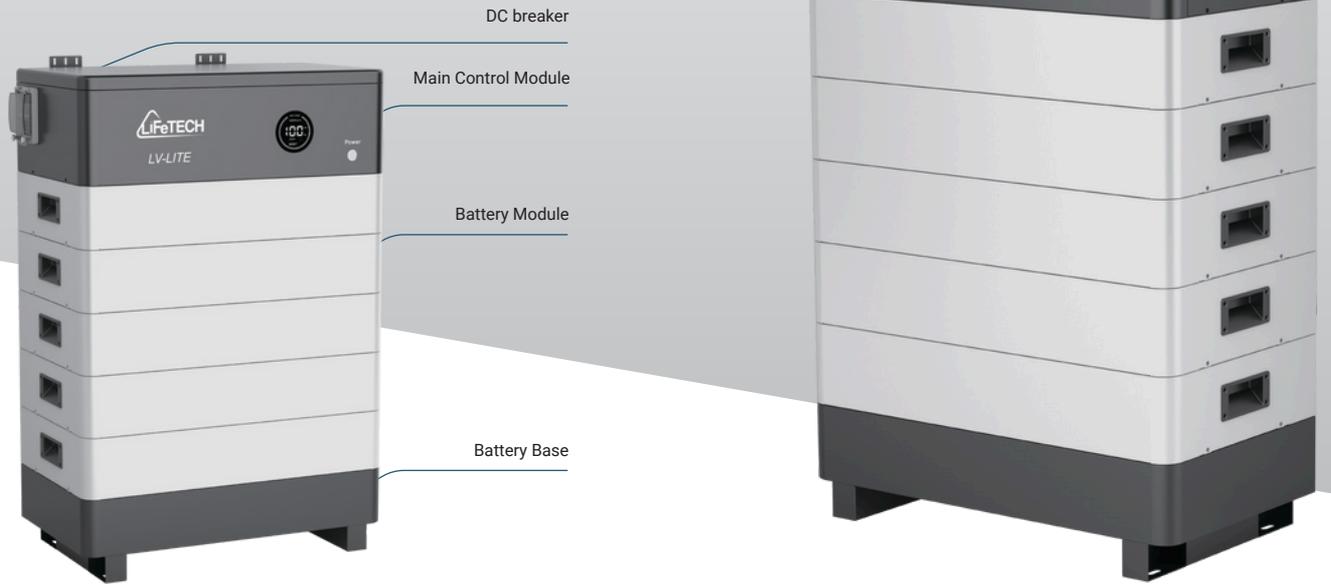


LV-LITE

Stack-mounted
Energy Storage System

5.12kWh-----614.4kWh



Key Features



Upgraded Protection

IP rating increased from IP55 to IP65 for better dust/water resistance.



One-Touch Dialing

Main control with single-key coding—no need to dial on battery module.



High Usable Capacity

100% Usable Capacity



Flexibility

Modular Design
Expand Anytime



Latest App with Cloud Management

Migrated to new-gen app for remote device monitoring & control via cloud.



Integrated Battery Design

All-in-one module (vs 1st gen) for easier, faster installation.

■ Main Parameters

Battery Module QTY	2	3	4	5	6	7	8
Schematic Diagram							
Usable Energy (kWh) ^[1]	10.24	15.36	20.48	25.60	30.72	35.84	40.96
Nominal Capacity (Ah)	200	300	400	500	600	700	800
Maximum Continuous Discharge Rates (kw)	9.7	14.6	15.4	15.4	15.4	15.4	15.4
Max.Charging/Discharging Current (A)	190	285	300				
Peak for 10s (A)	240	360	480	500			
L*W(mm)	735*400						
H(mm)	695.1	829.9	964.7	1099.5	1234.3	1369.1	1503.9
Net Weight (kg)	138	186.5	235	283.5	332	380.5	429

Main Control Module	ZR-MC100-200M5
Battery Module Type	ZR-FS48100-160SJ3(-H)
Battery Module chemistry	LiFePO4
Nominal Voltage(V)	51.2
Recommend charging Voltage(V)	56.8
Max charging Voltage(V)	58.6
Discharge cut-off Voltage(V)	43.2
Open Circuit Voltage Voltage(V)	43.2~58.4
Communication	CAN, RS485, WiFi
Designed Calendar Life	≥10 years
Safety Function	Over-charge,Over-discharge,Over-current, Low/High-temperature Low-voltage, Short-circuit Protections
Parallel Capability	Maximum 15 cluster
Charging Temperature Range(°C)	0~50/-20~50 (-H)
Discharging Temperature Range(°C)	-20~50
Best Operating Temperature Range(°C)	15~35
Storage Temperature Range(°C)	-20~55
Best Storage Temperature Range(°C)	0~35
Humidity(@RH)	10%-95%
Altitude	≤4000m
Cooling	Natural cooling
Protection level	IP65

Note:-H indicates that this is module contains a heating film.