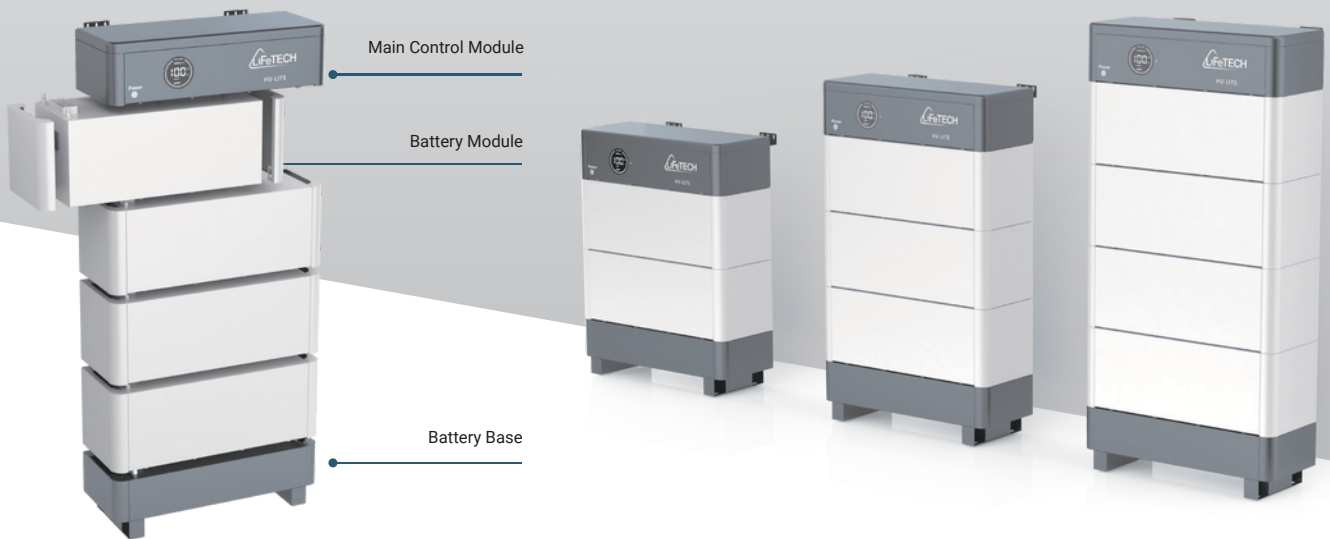


HV-LITE

Stacked High Voltage
Energy Storage System

9.6 kWh-----28.8 kWh



Key Features



Safety

Built-in protection mechanisms and high-quality components ensure safe and reliable battery operation.

IP 55

Waterproof IP55

Multiple Scenarios for both indoor & outdoor installation



High Compatibility

Compatible Over 14 Leading Inverter Brands



Flexibility

Modular Design Expand Anytime



Intelligent

Screen Display for Status and Faults ,
with App Control and Monitoring Support



Cable-free Installation

Save up to 50% installation time

■ Main Parameters

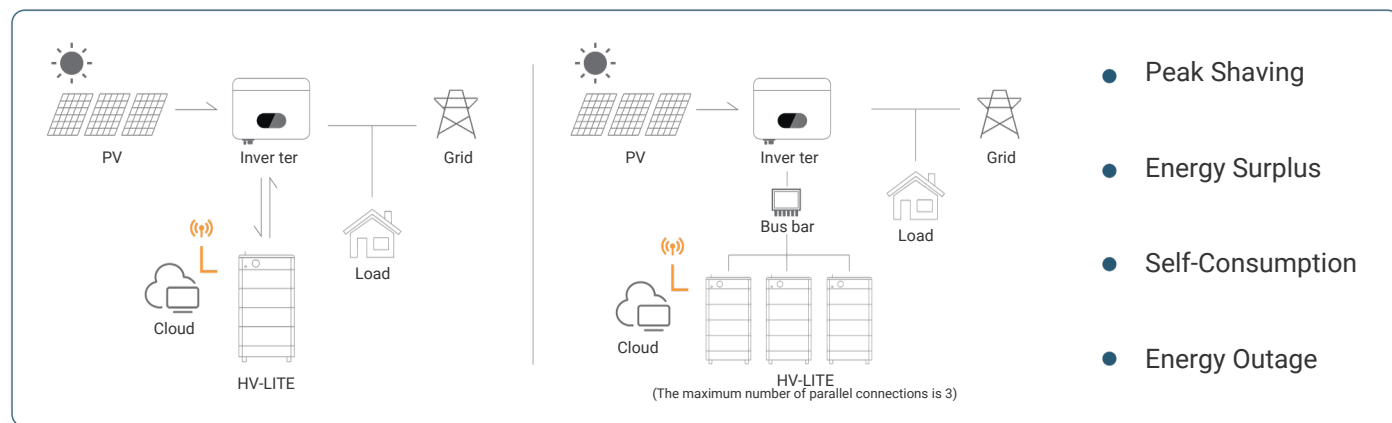
Battery Module QTY		2	3	4	5	6
Schematic Diagram						
Usable Energy (kWh)		9.6	14.4	19.2	24	28.8
Max Countinuous Power (kW)		9.216	13.824	18.432	23.040	27.648
Battery Configuration		60S1P	90S1P	120S1P	150S1P	180S1P
Nominal Voltage (V)		192	288	384	480	576
Recommend Charging Voltage (V)		213	319.5	426	532.5	639
Max.Charging Voltage (V)		219	328.5	438	547.5	657
Recommend Discharge Cut-off Voltage (V)		175.8	263.7	351.6	439.5	527.4
Weight (Approx.) (kg)		140	195	250	305	360
Size	L×W(mm)	258*688				
	H (mm)	848	1085	1322	1559	1796
Max.Charging/Discharging Current (A)		48				
Peak for 10s (A)		75				
Master Controlle Module		MC500-100M3(HV)				
Battery Module		FS9650-301SR2				
Nominal Capacity (Ah)		50				
Chemistry		LiFePO4				
Protection Level		IP55				
Communication		RS485/CAN/WIFI				
Cycle Life ^[1]		8000 times				
Designed Calender Life		≥10 years				
Safety Function		Over-charge, Over-discharge, Over-current, Low/High-temperature, Low-voltage, Short-circuit Protections				
Application		ON Grid (Self consumption/ON Grid+Backup) and Off Grid				
Certification		CEI 0-21/CE/IEC 62619/UN 38.3/MSDS				

Compatible Inverter Brands:



[1] Based on 70% DOD, 0.2C charge & discharge @ ±25°C,70% EOL

■ System Layout



■ Packaging And Shipping Details

