

Residential BESS

-Force L Series

-Force H series



Safety and Reliability

Ensured by own designed and manufactured cell, modules and BMS



Optimal Electricity Cost

Long cycle life and superior performance



Strong Scalability

Maximum capacity of 215.04 kWh with 6 groups in parallel



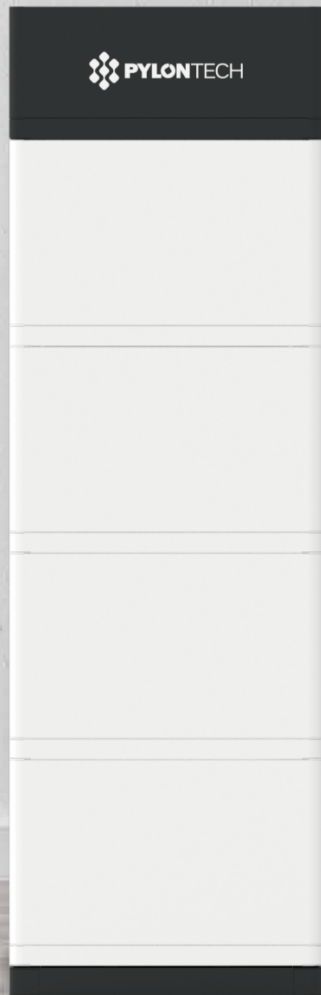
Flexible Mounting

Plug&Play, no additional wiring connection



Compatibility

Compatible with Top inverter brands



SPECIFICATION (Force H3/204.8~716.8 V)



Basic Parameters						
Battery Module	FH10050					
Battery Module Voltage(Vdc)	102.4					
Battery Module Capacity(Ah)	50					
Battery Module Qty. (Optional)	2	3	4	5	6	7
Battery System Voltage (V)	204.8	307.2	409.6	512	614.4	716.8
Battery System Capacity(Ah)	50					
Battery System Capacity(kWh)	10.2	15.4	20.5	25.6	30.7	35.8
Dimension (W*D*H mm)	540*350*530	540*350*700	540*350*870	540*350*1040	540*350*1210	540*350*1380
Weight(kg)	92	131	170	209	248	287
Depth of Discharge	95%					
Charge/ Discharge Current(A)	(Recommend)		50			
	(Max.)		52			
Multi-group	Max. 6 systems in parallel					
Communication	CANBUS/Modbus RTU					
IP rating	IP55					
Working Temperature/ °C	-10~50					
Shelf Temperature/ °C	-20~60					
Humidity	5%~95%(w/o condensing)					
Altitude	<4000					
Design Life	15+ Years (25 °C/77 °F)					
Cycle Life	>8,000, 25 °C					
Certification	UL9540A/UL 1973/IEC62619/IEC63056/IEC62040-1/VDE-AR-E 2510-50/IEC62477-1/UN38.3					