

FORCE-H3

HIGH-VOLTAGE RESIDENTIAL ESS



High Efficiency

Reduces energy loss, perfect for long-distance transmission and heavy-duty applications .



Advanced Safety

Higher standards fulfilled for safely managing high energy outputs .



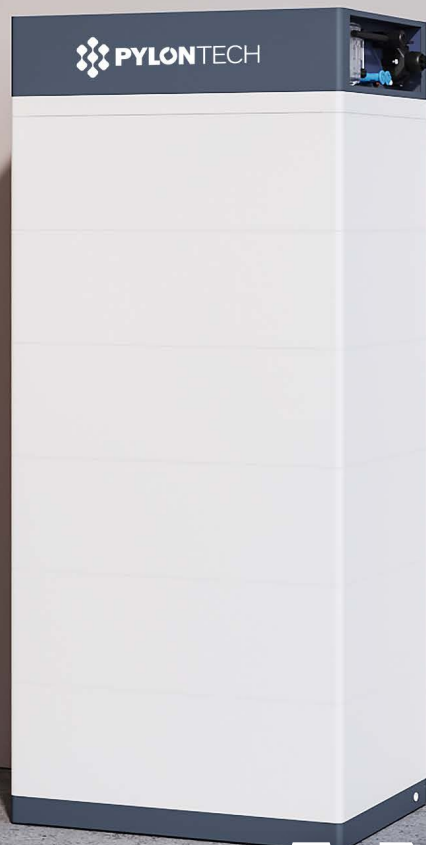
Safe and Reliable

Long life-cycle guaranteed & Optimal ROI .



Intelligent Control

AI- Driven algorithm supports better return and longer life span .



**GREEN,
EFFICIENT
AND SMART**

Force-H3



Maximum Scalability



Flexible & Easy Installation



Higher Density & Efficiency



Remote Maintenance



Module

Module	2	3	4	5	6	7
Battery Module	FH10050					
Battery Module Voltage (VDC)	102.4					
Battery Module Capacity (kWh)	5.12					
Battery Module Qty	2	3	4	5	6	7
Battery System Voltage (V)	204.8	307.2	409.6	512.0	614.4	716.8
Battery System Capacity (kWh)	10.24	15.36	20.48	25.60	30.72	35.84
Usable Capacity (kWh)	9.69	14.73	19.48	24.32	29.17	34.01
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 (A)	50 (Normal) 55 @15min (Max)					
Multi-group	Max. 6 groups in parallel					
Communication	Modbus RTU/CAN					
IP rating	IP55					
Working Temperature/ °C	-10-50					
Storage Temperature/ °C	-20-60					
Humidity (RH)	5%-95% No Condensation					
Altitude (m)	<4000					
Design Life (@25°C)	15+ Years					
Cycle Life (@25°C)	>8,000					
Certification	UL9540A/UL1973/IEC62619/IEC63056/IEC62040-1/VDE-AR-E 2510-50/IEC62477-1/UN38.3					

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