

**Pylontech
New Residential
Solutions**

Powered by the Force H1/H2



PYLONTECH FORCE-H1/H2

The Force H1/H2 is the latest version of High voltage battery storage system provided by Pylontech. The newly designed system provides easy connector to save valuable time for installaters. The stacking system provides flexible configurations from 96V to 384V voltage and 7.1 kWh to 24.86 kWh capacity.

The white/black steel color reflects the strong capability of holding energy. The indoor/outdoor compatible feature provides more possibilities of installation. Ideal for large home and small commercial application.



7.10~24.86 kWh

Flexible Mounting

Plug&Play

90% DOD



Technical Specification

Product Type	Force-H2		
Cell Technology	Li-iron (LFP)		
System Model Name	Force-H2-96/192V	Force-H2-96/288V	Force-H2-96/384V
Battery System Capacity(kWh)	7.10	10.65	14.20
Battery System Usable Capacity	6.39	9.59	12.87
Battery System Voltage(Vdc)	192	288	384
Battery System Capacity(AH)	37Ah		
Battery Controller Name	FC0500M-40S		
Battery Module Name	FH9637M		
Battery Module Quantity(pcs)	2	3	4
Battery Module Capacity(kWh)	3.552		
Battery Module Voltage(Vdc)	96		
Battery Module Capacity(AH)	37		
Battery System Charge upper-Voltage(Vdc)	216	324	432
Battery System Charge/Discharge Current (Amps, Standard)	7.4		
Battery System Charge/Discharge Current(Amps, Normal)	18.5		
Battery System Charge/Discharge Current(Amps, Max.@15s)	40		
Battery System Discharge lower-Voltage(Vdc)	174	261	348
Battery System DC Rate Power (kW)	3.55	5.33	7.10
Battery System DC Max. Power (kW.@15s)	7.68	11.52	15.36
Short circuit rating(Amps)	< 4000		
Efficiency(%)	96		
Depth of Discharge(%)	90		
Dimension(W*D*H, mm)	450*296*822	450*296*1118	450*296*1414
Communication	CANBUS/Modbus RTU		
Protection Class	IP55		
Weight(kg)	82	117	152
Operation Life(Years)	15+		
Operation Temperature(°C)	0-50°C		
Storage Temperature(°C)	-20-60°C		
Humidity	5-95%		
Product Certificate	VDE2510-50, IEC62619, IEC62477-1, IEC62040-1, CE,UN38.3		
Warranty	10 Years		
1) Battery Controller Dimensions(W*D*H)	450x296x190 mm		
2) Battery Module Dimensions (W*D*H)	450x296x296mm		
3) Battery bottom base Dimensions(W*D*H)	450x296x40 mm		