



PYLONTECH

Force H2 High voltage

Stackable system

Force-H2 is a high voltage battery storage system based on lithium iron phosphate battery, which is one of the new energy storage products developed and produced by Pylontech. It can be used with various types of residential and commercial storage equipment and systems. Force-H2 is especially suitable for applications requiring high power, minimum installation space and long life, combined with a linear and pleasant aesthetic.



BMS



Battery Stack



Display

TOP SAFETY LEVEL:

COMPLIANT WITH STANDARD
VDE 2510-50



energy

SYNTHESIS OF EFFICIENCY

Battery Stack

Model	Force H2		
Battery Stack Capacity (kWh)	7.10	10.65	14.20
Battery Stack Voltage (Vdc)	192	288	384
Battery Module Capacity (AH)	37		
Battery Controller Name BMS	FC0500M-40S		
Battery Module Name	FH9637M		
Battery Module Quantity (pcs)	2	3	4
Battery System Charge Upper-Voltage (Vdc)	174	261	348
Battery System Charge Current (Amps, Normal)	18.5		
Battery System Charge Current (Amps, Max.@15s)	40		
Battery System Discharge lower-Voltage (Vdc)	216	324	432
Battery System Discharge Current (Amps, Normal)	18.5		
Battery System Discharge Current (Amps, Max.@15s)	40		
Efficiency (%)	96		
Depth of Discharge (%)	90		
Dimension (450 x 296 x H, mm)	822	1118	1414
Communication	Modbus RTU \ CAN		
Protection Class	IP55		
Weight (kg)	82	117	152
Operation Life	15 years		
Operation Cycle Life	5.000		
Operation Temperature (°C)	0~50°C		
Storage Temperature (°C)	-20 ~60°C		
Humidity	5~95%		
Product Certificate	VDE2510-50, IEC62619, IEC62477-1, IEC62040-1, CEC, CE		
Transfer Certificate	UN38.3		
1. Battery Controller Dimensions (W*D*H)	450x296x190 mm		
2. Battery Module Dimensions (W*D*H)	450x296x296 mm		
3. Battery bottom base Dimensions (W*D*H)	450x296x40 mm		



Battery Module

Battery Module

Model	FH9637M
Cell Technology	Li-ion (LFP)
Battery Module Capacity (kWh)	3.552
Battery Module Voltage (Vdc)	96
Battery Module Capacity (Ah)	37
Battery Module Serial Cell Quantity (pcs)	30
Battery Cell Voltage (Vdc)	3.2
Battery Cell Capacity (AH)	37
Dimension (W*D*H, mm)	450*296*296
Weight (kg)	35
Operation Life	15 years
Operation Cycle Life	5.000
Operation Temperature	0~50°C
Storage Temperature	-20 ~60°C
Transfer Certificate	UN38.3

Energy Srl

Registered office:
Piazza Manifattura, 1
38068, Rovereto TN
Tel. +39 0464 350812 - Fax +39 0464 350512



www.energysynt.com
www.retiintelligenti.com

Energy Srl

Operations/Warehouse:
Via Seconda Strada, 26
30030, Z.I. Loc. Galta di Vigonovo (VE)
info@energysynt.com
Tel. +39 049 2701296 - Fax +39 049 8599098