

Stack of Batteries

Model	Force H2		
Battery System Capacity [kWh] 1 stack	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]	216	324	432
Battery System Charge Current [Amps, Normal]	18.5		
Battery System Charge Current [Amps, Max.@15s]	40		
Battery System Discharge Lower-Voltage [Vdc]	174	261	348
Battery System Discharge Current [Amps, Normal]	18.5		
Battery System Discharge Current [Amps, Max.@15s]	40		
Efficiency [%]	96		
Depth of Discharge [%]	90		
Dimension [600x380xH, mm]	822	1118	1414
Communication	Modbus RTU \ CAN		
Protection Class	IP55		
Weight [kg]	82	117	152
Operation Life [Years]	15		
Operation Cycle Life	>5000		
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		
Transport Certificate	UN38.3		
1. Battery Controller Dimensions [WxDxH]	450x296x190 mm		
2. Battery Module Dimensions [WxDxH]	450x296x296 mm		
3. Battery bottom base Dimensions [WxDxH]	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
N° Cell Quantity in Series [pcs]	30
Battery Cell Voltage [Vdc]	3.2
Battery Cell Capacity [AH]	37
Dimension [WxDxH, mm]	450x296x296
Weight [kg]	35
Operation Life	15 years
Operation Cycle Life	5000
Operation Temperature [°C]	0~50°C
Storage Temperature [°C]	-20 ~60°C
Transport Certificate	UN38.3

Energy Srl

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