

SPECIFICATION (Force H1/ 96~336 V)



Basic Parameters						
Battery Module	FH48074					
Battery Module Voltage(Vdc)	48					
Battery Module Capacity(Ah)	74					
Battery Module Qty. (Optional)	2	3	4	5	6	7
Battery System Voltage (V)	96	144	192	240	288	336
Battery System Capacity(Ah)	74					
Battery System Capacity(kWh)	7.1	10.65	14.21	17.76	21.31	24.86
Dimension (W*D*H mm)	600*380*530	600*380*700	600*380*870	600*380*1040	600*380*1210	600*380*1380
Weight(kg)	86	122	158	194	230	266
Depth of Discharge	95%					
Charge/ Discharge Current(A)	(Recommend) (Max.)					
	37 40					
Multi-group	Max. 6 systems in parallel					
Communication	CANBUS/Modbus RTU					
IP rating	IP55					
Working Temperature/ °C	0~50					
Shelf Temperature/ °C	-20~60					
Humidity	5%~95%(w/o condensing)					
Altitude	<2000					
Design Life	15+ Years (25 °C/°F)					
Cycle Life	>8,000, 25 °C					
Certification	UL 1973/VDE2510-50/IEC62619/IEC62477/ IEC62040-1/CE/UN38.3					

SPECIFICATION (Force H2/192~384 V)



Basic Parameters				
Battery Module		FH9637M		
Battery Module Voltage(Vdc)		96		
Battery Module Capacity(Ah)		37		
Battery Module Qty. (Optional)	2	3	4	5
Battery System Voltage (V)	192	288	384	480
Battery System Capacity(Ah)		37		
Battery System Capacity(kWh)	7.1	10.65	14.21	17.75
Dimension (W*D*H mm)	450*296*822	450*296*1118	450*296*1414	450*296*1710
Weight(kg)	82	117.5	152	188.5
Depth of Discharge		95%		
Charge/ Discharge	(Recommend)	18.5		
Current(A)	(Max.)	40		
Multi-group		Max. 6 systems in parallel		
Communication		CANBUS/Modbus RTU		
IP rating		IP55		
Working Temperature/ °C		0~50		
Shelf Temperature/ °C		-20~60		
Humidity		5%~95%(w/o condensing)		
Altitude		<2000		
Design Life		15+ Years (25 °C /77 °F)		
Cycle Life		>8,000, 25 °C		
Certification		VDE-AR-E 2510-50/ IEC62619/IEC63056/IEC62040-1/CEC/CE		

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	(Recommend)		50			
Current(A)	(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			



A Dedicated BESS (Battery Energy Storage
System) Provider

Pylon Technologies Co., Ltd.
No. 71-72, Lane 887, Zu Chongzhi Road,
Zhangjiang Hi-Tech Park Pudong, Shanghai 201203, China

www.pylontech.com.cn
sales@pylontech.com.cn



Made from recycled paper