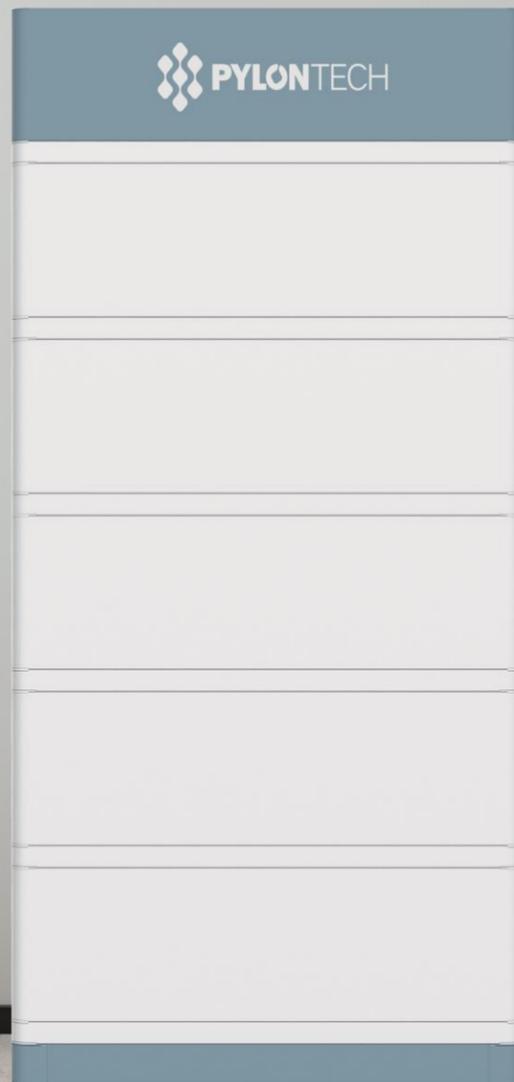


Residential BESS

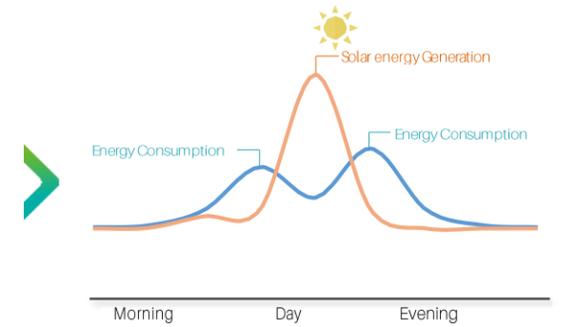
Save on your bill, save the world, with our battery storage.
Little step for our generations to enjoy the safe and clean environment.



How to save on bill from Residential ESS?

Self-Consumption Optimization

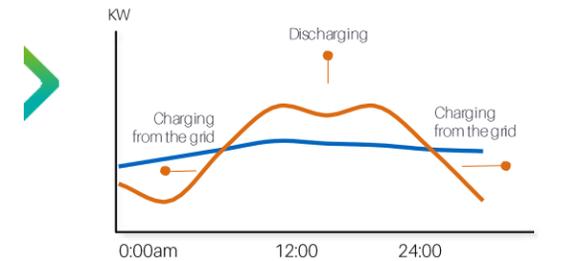
High energy demand in the morning and evening but solar energy generation is most sufficient during the Mid-Day. Battery Storage system balance the feeding and demands. Realize your grid independence.



Benefits from Peak Shaving

House: Load Shifting

Store the power during off-peak and use the energy at peak-time. Save on the electricity bills by reducing peak demand.



VPP Revenue

VPP creates a network of renewable energy sources and battery storage systems, connected through a cloud-based technology that manages the stability of clean electricity to maximize your revenue.

Enabling a cost reduction, as well as boosting the system's efficiency



Force-H Series

Concise steel color reflects the strong capability of holding energy. Furniture like design suits both indoor and outdoor installation. Ideal for large home and small commercial application.

7.10~24.86 kWh/Stack
 Max. 6 stacks per system
 Flexible Mounting
 Plug & Play

SPECIFICATION (Force-H1-v2/96~336 V)



Model	2	3	4	5	6	7
Basic Parameters						
Cell Technology	Lithium Iron Phosphate					
Battery Module Capacity(Ah)	74					
Battery System Capacity(kWh)	7.10	10.65	14.21	17.76	21.31	24.86
Battery System Voltage(Vdc)	96	144	192	240	288	336
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) 37 (Max) 40 (Peak@15s) 42					
Communication Port	RS485, CAN					
Protection Class	IP55					
Max. stack amount per system	6					
Working Temperature/ °C	0~50					
Shelf Temperature/ °C	-20~60					
Humidity	5%~95%(w/o condensing)					
Altitude	<2000					
Design Life	15+ Years(25°C)					
Cycle Life	>6000, 25°C					
Authentication level	UL1973/UL9540A/VDE2510-50/IEC62619/IEC62477/IEC62040/CE/UN38.3					



Your ideal Residential BESS

-  **Safety**
Multi-protection from self-developed BMS
-  **Optimal Electricity Cost**
Long cycle life and superior performance
-  **Compact Size & Easy installation**
Modular design help for quick installation
-  **Easy to Scale Up**
Be workable to be parallel based on 48V

Complete Safety Certification

SPECIFICATION (Force-H2-v2/192~384 V)



Model	2	3	4
Basic Parameters			
Cell Technology	Lithium Iron Phosphate		
Battery Module Capacity(Ah)	37		
Battery System Capacity(kWh)	7.10	10.65	14.21
Battery System Voltage(Vdc)	192	288	384
Dimension(W*D*H mm)	450*296*822	450*296*1120	450*296*1414
Weight(kg)	82	117	152
Depth of Discharge	95%		
Charge/Discharge Current(A)	18.5 (Recommend)		
	40 (Max)		
	42 (Peak@15s)		
Communication Port	RS485, CAN		
Protection Class	IP55		
Max. stack amount per system	6		
Working Temperature/ °C	0~50		
Shelf Temperature/ °C	-20~60		
Humidity	5%~95%(w/o condensing)		
Altitude	<2000		
Design Life	15+ Years(25°C)		
Cycle Life	>6000, 25°C		
Authentication level	VDE2510-50/IEC62619/IEC62477/IEC62040/CE/UN38.3		