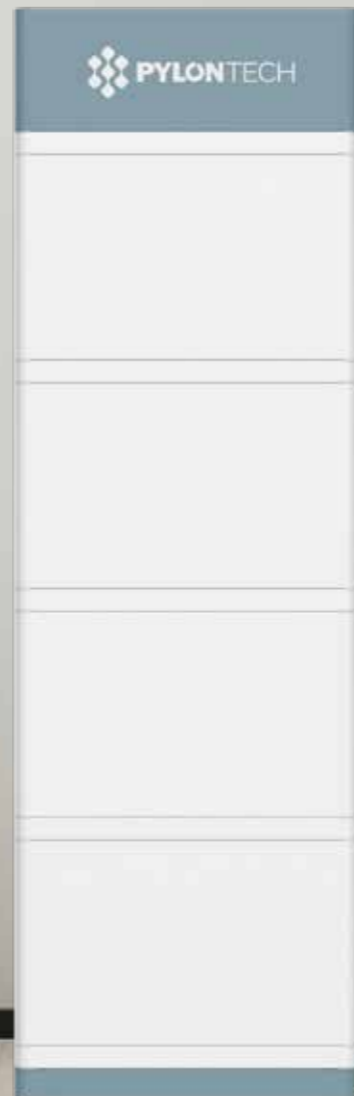


# Residential BESS

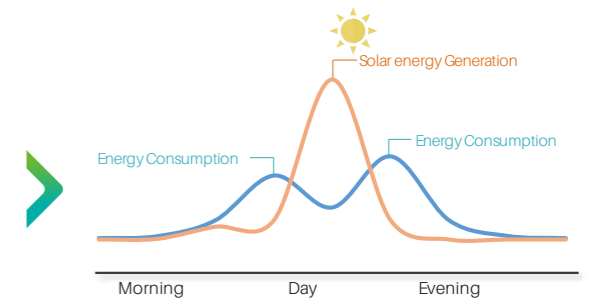
Save on your bill, save the world, with our battery storage.  
Little step for our generations to enjoy the safe and clean environment.



## How to save on bill from Residential ESS?

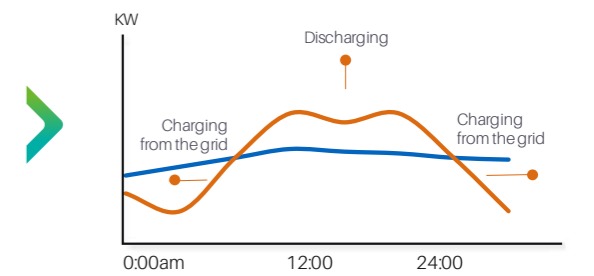
### Self-Consumption Optimization

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






## 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)	86.5	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	7					
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
-  **Compatibility**  
Compatible with Tier 1 inverter brands

## SPECIFICATION (Force-H2-V2/192~384 V)

Model	2	3	4
<b>Basic Parameters</b>			
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)	(Recommend)	18.5	
	(Max)	40	
	(Peak @15s)	42	
Communication Port	RS485, CAN		
Protection Class	IP55		
Max. stack amount per system	4		
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		

Complete Safety Certification