

## Residential BESS

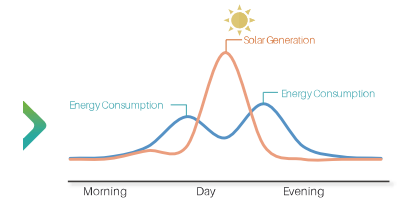
Save your bill, save the world, with our battery storage.  
Little step for our generations to enjoy the safe and clean environment



## How to save bill from Residential ESS?

### Self-Consumption Optimization

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



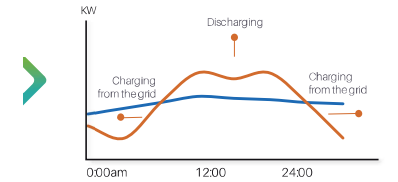
### Benefits from Peak Shaving

#### House: Load Shifting

Store the power during low-peak and use the energy at peak-time. Save the money which happens arising from peak rate.

#### Transmission&Distribution: peak Shaving

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 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**  
Flexible Mounting  
Plug&Play  
95% DOD

## SPECIFICATION (Force-H1/96~336 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 inch)	23.7*15.0*20.9	23.7*15.0*27.6	23.7*15.0*34.3	23.7*15.0*40.95	23.7*15.0*47.7	23.7*15.0*54.4
Weight(kg)	191	271	352	432	513	593
Depth of Discharge	95%					
Charge/Discharge Current(A)	(Recommend) 14.5					
	(Max) 37					
	(Peak @ 15s) 42					
Communication Port	CANBUS/Modbus RTU					
Protection Class	IP55					
Max. stacks per system	6					
Working Temperature/ F	32~122F					
Shelf Temperature/ F	-4~140F					
Humidity	5%~95%(w/o condensing)					
Altitude	<6562 ft					
Design Life	15+ Years (77 F)					
Cycle Life	>8000, (77 F)					
Authentication level	VDE-ARE 2510-50, IEC62619, IEC63056, CE-RED, CE-LVD, EU(RED), UL1973, UL9540A, UN38.3					