

Make your home  
Safe, stable and smart

## Energy Storage Solutions HV Series



**Flexible Investing**  
Expandable to 7.68-25.6kWh



**10 Years  
product warranty**



**Invisible in the home/garage**  
210mm wide only



**Safe & Reliable**  
Lithium Battery (LFP)

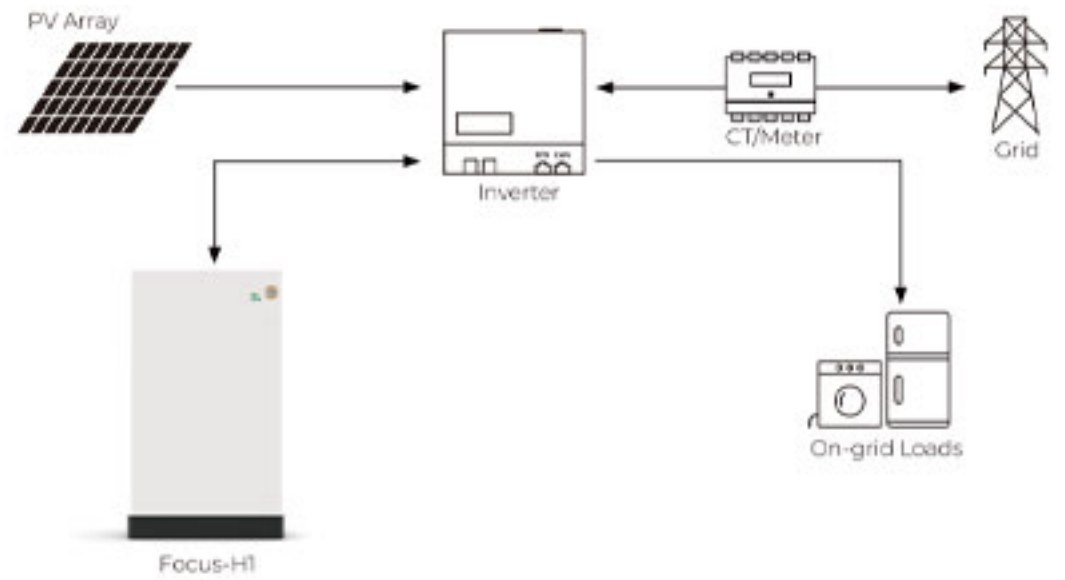
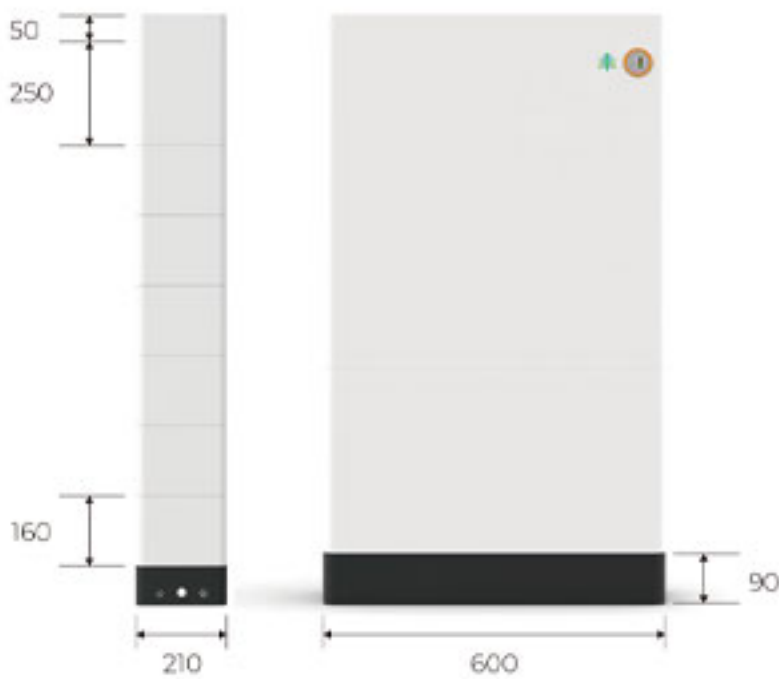


**Intelligent Build in BMS**  
Monitored for 24\*7



**Light Installation**  
Only 26.5kg/pcs  
1 worker installation within 15 minutes

(Unit:mm)



Product Type	Focus-H1							
Technical Specification								
Power Module Model	BC50							
Number of Power Modules	1							
Number of Battery Modules	3	4	5	6	7	8	9	10
Battery System Capacity	7.68kWh	10.24kWh	12.8kWh	15.36kWh	17.92kWh	20.48kWh	23.04kWh	25.6kWh
Cell Technology	Li-Ion(LFP)							
Battery System Voltage	153.6V	204.8V	256V	307.2V	358.4V	409.6V	460.8V	512V
Operating Voltage Range	129.6-168.48V	172.8-224.64V	216-280.8V	259.2-336.96V	302.4-393.12V	345.6-449.28V	388.8-505.44V	432-561.6V
Dimension (W*D*H)	600*210*1870(mm) 23.62*8.27*73.425(inch)	600*210*1030(mm) 23.62*8.27*40.55(inch)	600*210*1190(mm) 23.62*8.27*46.85(inch)	600*210*1350(mm) 23.62*8.27*53.15(inch)	600*210*1510(mm) 23.62*8.27*59.45(inch)	600*210*1670(mm) 23.62*8.27*65.75(inch)	600*210*1830(mm) 23.62*8.27*72.05(inch)	600*210*1990(mm) 23.62*8.27*78.35(inch)
Net Weight	103.5kg (228.18 lb)	130kg (286.60 lb)	156.5kg (345.02 lb)	183kg (403.45 lb)	209.5kg (461.87 lb)	236kg (520.29 lb)	262.5kg (578.71 lb)	289kg (637.14 lb)
Scalability	Max. 10 systems in series operation			Communication Port		RS485, CAN		
Installation	Floor stand			Protection Class		IP65		
Depth of Discharge	90%			Charging Temperature		0°C-50°C (32°F-122°F)		
Battery System Charge Current (Recommended)	40A			Discharging Temperature		-20°C-50°C (-4°F-122°F)		
Battery System Charge Current (Max)	50A			Humidity		5%-95%		
Battery System Discharge Current (Recommended)	40A			Max. Operating Altitude		2,000m (6,562ft.)		
Battery System Discharge Current (Max)	50A			Warranty		10 years		
Display	The information of Battery, such as SOC, battery status			Cooling		Natural convection		
Standard Compliance (more available upon request)								
Certificates	IEC62519 / IEC61000 / CE / UN38.3							
Each Single Battery Module Specification								
Battery Module Model	BSH-Z560			Battery Module Capacity		2.56kWh		
Battery Cell Capacity	50Ah			Battery Module Voltage		51.2V		
Configuration	1P16S			Battery Module Weight		26.5kg (58.42lb)		
Single Decive Dimensions								
Power Module Dimensions(W*D*H)	600*210*250 (mm) / 23.62*8.27*9.84 (inch)							
Battery Module Dimensions(W*D*H)	600*210*160 (mm) / 23.62*8.27*6.30 (inch)							

