

Make your home  
Safe, stable and smart

## Energy Storage Solutions LV Series

Module Design



**Flexible Investing**  
Expandable to 5.22-78.3kWh



**10 Years  
product warranty**



**Invisible in the home/garage**  
200mm wide only



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

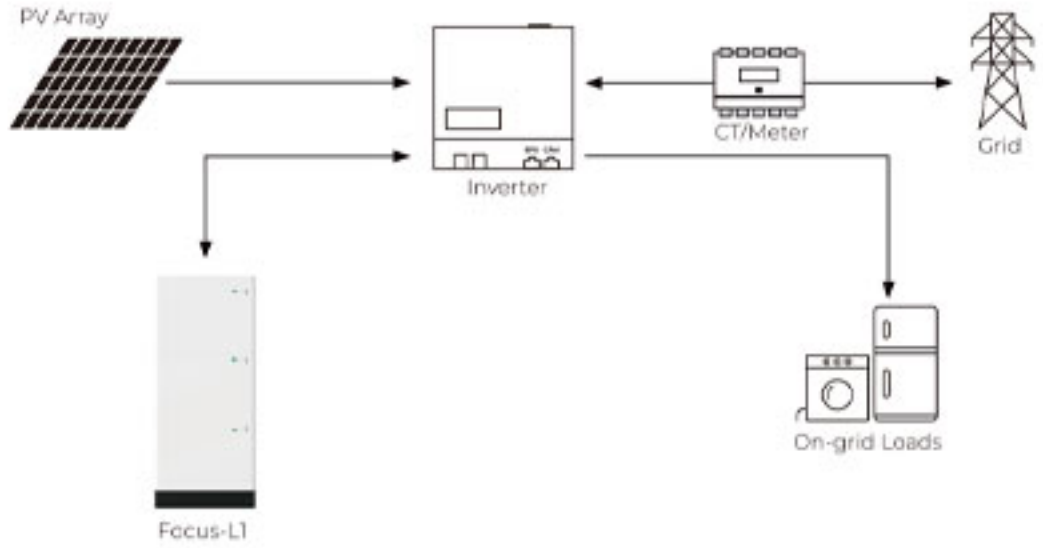
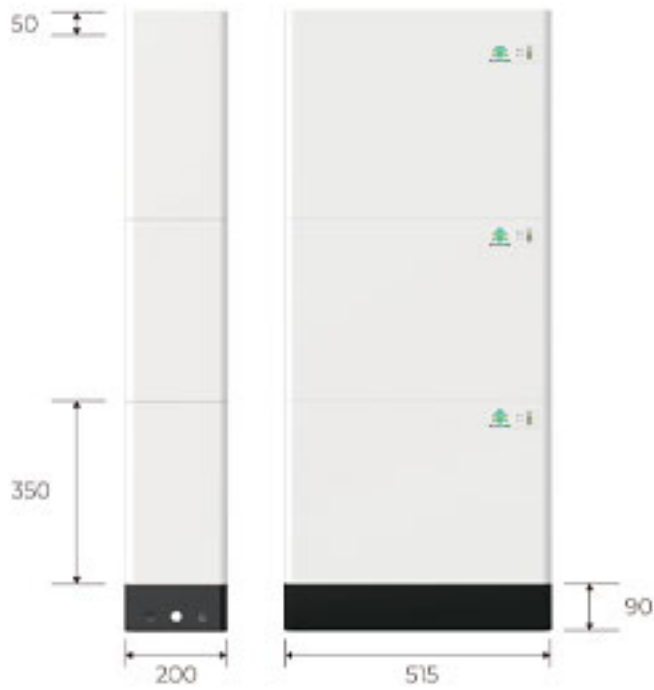


**Intelligent Build in BMS**  
Monitored for 24\*7



**Easy Installation**  
Plug and Play

(Unit:mm)



Product Type	Focus-L1			
Technical Specification				
Number of Battery Modules	1	2	3	4
Battery System Capacity	5.22kWh	10.44kWh	15.66kWh	20.88kWh
Cell Technology	Li-ion(LFP)			
Nominal Voltage	51.2V			
Operating Voltage Range	45.6-56.2V			
Dimension (W*D*H)	515*200*490(mm) 20.28*7.87*19.29(inch)	515*200*840(mm) 20.28*7.87*33.07(inch)	515*200*1190(mm) 20.28*7.87*46.85(inch)	515*200*1540(mm) 20.28*7.87*60.63(inch)
Net Weight	56kg (123.46 lb)	102kg (224.87 lb)	148kg (326.28 lb)	194kg (427.7 lb)
Scalability	Max.15 in parallel operation and max.4 in one Focus-L1		<b>Communication Port</b>	RS232, RS485, CAN
Installation	Floor stand		<b>Protection Class</b>	IP54
Depth of Discharge	90%		<b>Charging Temperature</b>	0°C-50°C (32°F-122°F)
Battery System Charge Current (Recommended)	80A		<b>Discharging Temperature</b>	-20°C-50°C (-4°F-122°F)
Battery System Charge Current (Max)	100A		<b>Humidity</b>	5%-95%
Battery System Discharge Current (Recommended)	80A		<b>Max. Operating Altitude</b>	2,000m (6,562ft.)
Battery System Discharge Current (Max)	100A		<b>Warranty</b>	10 years
			<b>Cooling</b>	Natural convection
Standard Compliance (more available upon request)				
Certificates	IEC62619 / IEC61000 / IEC62040 / CE / UN38.3			
Each Single Battery Module Specification				
Battery Module Model	BSG-5220			
Battery Cell Capacity	102Ah			
Configuration	1P16S			
Battery Module Capacity	5.22kWh			
Battery Module Voltage	51.2V			
Battery Module Weight	46 kg (101.41 lb)			
Single Decive Dimensions				
Battery Cover Dimensions(W*D*H)	515*200*50 (mm) / 20.28*7.87*1.97 (inch)			
Battery Module Dimensions(W*D*H)	515*200*350 (mm) / 20.28*7.87*13.78 (inch)			
Battery Base Dimensions(W*D*H)	515*200*90 (mm) / 20.28*7.87*3.54 (inch)			

