

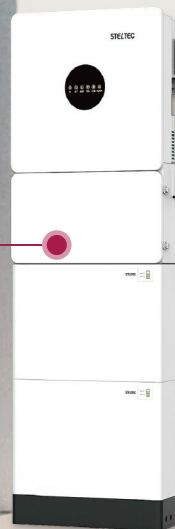
STELTEC

Make your home
Safe, stable and smart

Energy Storage Solutions All-in-one series

www.steltec-ess.com
sales@steltec-ess.com

Module Design



Slim but powerful
Expandable to 5.22-15.66kWh



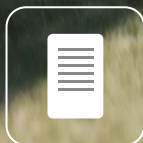
**10 Years
product warranty**
(Inverter: 5 years)



**Pre-wired design
with inverter**



Safe & Reliable
Lithium Battery (LFP)

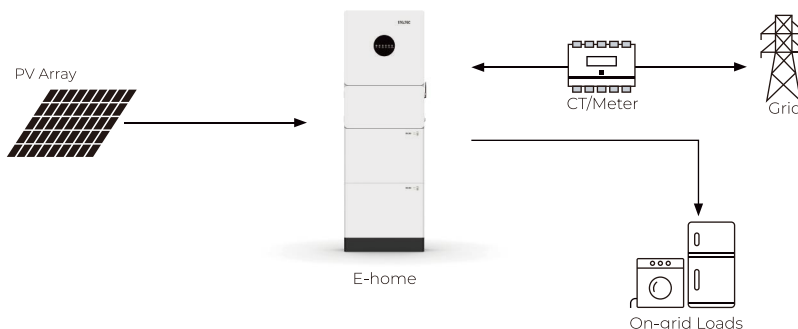
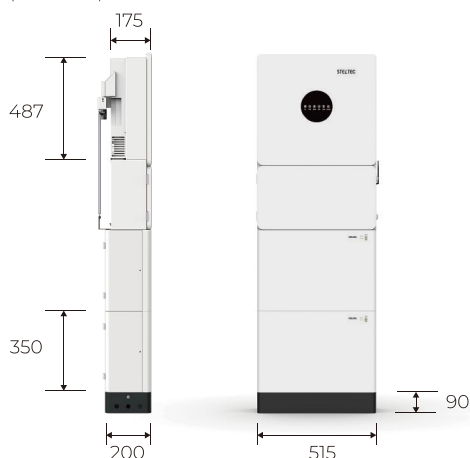


Intelligent Build in BMS
Monitored for 24*7



Easy Installation
Plug and Play

(Unit:mm)



STELTEC

Product Type	E-home		
Technical Specification			
Noise Emission (dB)	≤35	Max. Operating Altitude	2,000m (6,562ft.)
Operating Temperature	-10°C~50°C (14°F~122°F)	Warranty	10 years (inverter 5 years)
Cooling	Natural convection	Protection Class	IP54
Humidity	5%-95%		
Inverter model	STE-INV-HB5000		STE-INV-HB6000
Efficiency			
Max. Efficiency (PV to AC)	97.30%		
Max. Efficiency (AC to BAT)	94.00%		
Input (PV)			
Max. PV Power	9000W		
Max. PV Voltage	550V		
MPPT Volt Range @Full Load	200-480V	230-480V	
No. of MPPT Trackers	2		
String Per MPPT Tracker	1		
Input (BAT)			
Compatible Battery Type	Lithium Battery		
Norminal Battery Voltage	51.2V		
Max. Charge / Discharge Power	6000W		
Output (Grid)			
Nominal AC Output Power	5000W	6000W	
Rated AC Voltage	220V		
AC Frequency Range	45~55 / 55~65Hz(adjutable)		
Output (Back Up)			
Nominal Output Voltage	230V		
Nominal Output Frequency	50 / 60Hz		
Nominal Output Power	5000W	6000W	
Nominal Output Current	21.7A	26A	
General		Certification	
Protection Class	IP65	Grid	EN50549; CEI-021; G99; VDE4105 and so on
Installation	Wall mounted	Safety	IEC62109-1&2; IEC62040-1
Net Weight	25kg (55.12 lb)	EMC	IEC61000-6-1 / 2 / 3 / 4
Dimensions (W*D*H)	515*175*487(mm) / 20.28*6.89*19.17(inch)		
Each Single Battery Module Specification			
Battery Model	STE-BSG-5220	Battery Module Capacity	5.22kWh
Battery Cell Capacity	102Ah	Module Voltage	51.2V
Configuration	1P16S	Battery Module Weight	46 kg (101.41 lb)
Dimension (W*D*H)	515*200*350 (mm) 20.28*7.87*13.78 (inch)		