



SENSE Series 01

All-in-One Storage System



Five Layers Ultra-Protection



Super Light Battery Pack



Easy and Simple Installation



Features

- Deep machine learning makes us your family energy CFO
- 'X-Energy' PV-Grid-Load-Storage four-in-one energy management architecture, with leading system efficiency
- Double-guaranteed security through edge-cloud computing
- Most advanced fire extinguishing and fire prevention materials in the industry

System Specifications						
Battery Type	Lithium Iron Phosphate Battery					
Nominal Output Power	3000 W – 6000 W					
Battery Capacity	5.1 kWh	10.2 kWh	15.4 kWh			
Degree of Protection	IP 65					
Operating Temperature	-22 °F~ 131°F (-30°C ~ 55°C)					
Altitude	Max. 9842.5ft (3,000m)					
Dimensions (W*H*D)	650×760×200mm	650×1060×200mm	650×1360×200mm			
Weight	60.0 kg (132.3 lbs)	97.0 kg (213.9 lbs)	134.0 kg (295.5 lbs)			
Installation Location	[Indoor / Outdoor] Floor Standing & Wall-mounted					
Communication Interface	RS485 / CAN2.0, Wi-Fi / 4G					
Cooling Strategy	Natural Convection					
Warranty	5 years / 10 years / 15 years / 20 years					
Inverter Specifications						
Maximum PV Input Power	4500 Wp	5400 Wp	6000 Wp	6900 Wp	7500 Wp	9000 Wp
PV Input Voltage	550 Vdc[max] / 400Vdc[rated] / 150Vdc[min] / 100Vdc[start]					
MPPT Voltage Range	100 ~ 540 Vdc					
Maximum PV Input Current	2 × 15 A					
Rated On-Grid Voltage, Frequency	L/N/PE, 230V, 50Hz / 60Hz					
Rated On-Grid AC Power	3000 W	3600 W	4000 W	4600 W	5000 W	6000 W
Rated Off-Grid Voltage, Frequency	220V / 230V, 50Hz / 60Hz					
Rated Off-Grid AC Power	3000 W	3600 W	4000 W	4600 W	5000 W	5000 W
Peak Off-Grid AC Power	4500W, 10s	5400W, 10s	6000W, 10s	6900W, 10s	7500W, 10s	7500W, 10s
Switchover Time	< 20 ms					
Dimensions (W*H*D)	650 × 400 × 200mm					
Efficiency						
Maximum Efficiency	97.8%					
European Efficiency	97.5%					
Battery Module						
Battery Module Energy	5.1 kWh, 51.2V, 1~3 modules in parallel					
Dimensions (W*H*D)	650 × 300 × 200mm					
Certification						
Safety Standards	IEC 62619: 2022, IEC 60730-1 Annex H, EN/IEC 62477-1:2022/A12:2021, IEC 62109-1/-2, IEC 62040-1,					
Grid Standards	DIN VDE V 0124-11:2020, G99/1-8 type A, DIN VDE 0126-1-1 VFR 2019, CEI0-21					
Others	EN / IEC 61000-6-1/-2/-3/-4, UN 38.3, ROHS 2.0					
<p>**Test Conditions - Temperature 77°F (25°C), at the beginning of life;</p> <p>*The basic warranty is 5 years, If the period needs to be increased, the price will change.</p> <p>*Product specification may change without notice."</p>						