

Stackable Series

OFF-GRID ENERGY STORAGE SYSTEM





Supports high PV voltage input (60- 450V)



Power supply can be switched automatically and switching time within 10ms



Supports up to 15 units in parallel



Plug and play



Modular installation simple and safe



Support dry contact starting generator



Rack-mount Series Product Introduction

MODEL	ES5.12			
Battery Parameters				
Battery Type	LFP			
Nominal Energy	5.12kWh	10.24kWh	15.36kWh	20.48kWh
Number of Batteries	1	2	3	4
Nominal Voltage	51.2VDC			
Battery Voltage Range	43.2-58.4VDC			
Maximum Charge and Discharge Current	100A			
IP level	IP20			
Standard Configuration	Battery Cable, 25mm ² × 280mm, SC25-M8, 1 Red + 1 Black			
Dimension.L*W*H(mm)	650*430*305	650*430*485	480*433*459	480*433*622
Net Weight (kg)	48	96	144	192
MODEL	SIF6200-24812H		SIF11000-24816H	
PV Input				
Maximum Input Power	6.5kW		5.5kW*2=11kW	
Input Voltage	550VDC			
MPPT Voltage Range	55~450VDC			
Number of MPPT	1		2	
Maximum MPPT Input Current	27A		18A*2	
Maximum Efficiency	99.00%			
AC Input				
Voltage	230VAC			
Selectable Voltage Range	170 - 280VAC (PC)/ 90 - 280VAC (Home Appliances)			
Frequency Range	50Hz / 60Hz (Auto detection)			
AC Output				
Rated Output Power	6.2kW		11kW	
Surge Power	12kVA		22kVA	
AC Voltage Regulation (Batt.Mode)	230VAC±5%			
Frequency Range	50Hz / 60Hz			
BATTERY & AC CHARGER				
Battery Voltage	48VDC			
Floating Charge Voltage	54VDC			
Overcharge Protection	61VDC			
Maximum charge current	80A		120A	
General				
Storage Temperature	-10°C~+60°C			
Certificate	CE			
IP level	IP20			
Communication	RS485			
Dimension.L*W*H(mm)	650*430*150			
Net Weight (kg)	19.6		25	
Optional Configuration	WIFI module			