









Split All in One Solar Energy System

SUN 5000-5.12L

SUN 5000-10.24L

SUN 5000-15.36L

FEATURE

-  • Up to 3 batteries in parallel expand to 15.36kWh
-  • High quality lithium iron phosphate cells
-  • No matching and commissioning required, ready to install
-  • Up to 2 systems in parallel with double storage & output
-  • LCD screen with real-time data
-  • Multiple charge and discharge modes available

CERTIFICATE



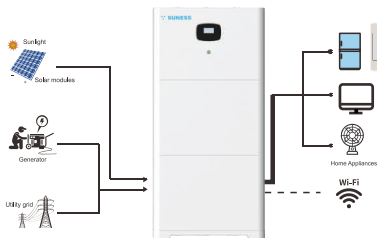
CE



UN38.3



IEC



Product parameters

INVERTER MODULE		SUN 5000		
Output				
Nominal Output Power[W]		5000		
Max. Peak Power[VA]		10000		
Load Capacity of Motor[HP]		4		
Wave Form		Pure Sine Wave		
Rated Output Voltage[Vac]		230 (single-phase)		
Output Mode		Off-grid/Hybrid		
PV Input				
Solar Charge Type		MPPT		
Num. of MPPT Trackers		1		
Max. PV Array Power[W]		5500		
Max. PV Open Circuit Voltage[Vac]		500		
Grid / Generator Input				
Input Voltage Range (Vac)		90~280		
Bypass Overload Current[A]		40		
Battery Charging				
Max. Solar Charging Current[A]		100		
Max. Grid/Generator Charging Current[A]		60		
General				
Dimension [W x D x H, mm]		640*170*420		
Net Weight [Kg]		16kg		
BATTERY MODULE	SUN 5000-5.12L	SUN 5000-10.24L	SUN 5000-15.36L	
Total Energy [kWh]	5.12	10.24	15.36	
Voltage Range [V]	48-57.6	48-57.6	48-57.6	
Capacity [Ah]	100	200	300	
Battery Type		LiFePO4		
Max. Parallel Capacity		3units (up to 15.36kWh)		√
Cycle Life		> 6,000 Cycle@ 80% DOD / 25°C / 0.5C, 60%EOL		
REGULAR DATA				
Communication with BMS		RS485		
Working Temperature Range [°C]		-10 ~ 50		
Enclosure Protection Rating		IP21		
System Certification		IEC62619, UN38.3, CE		
Warranty		Inverter(3 years), Battery(5 years)		
Dimension [W x D x H, mm]	640*170*905	640*170*1335	640*170*1765	
Net Weight [Kg]	68KG	116KG	174KG	

TEL:0086-755-28502100

Wed:www.suness.com

ADD:5/F,Building A,Darxun Scienceand Technology Industrial Park,
Pinghu Street,Shenzhen,China.

