

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	

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Pinghu Street,Shenzhen,China.



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

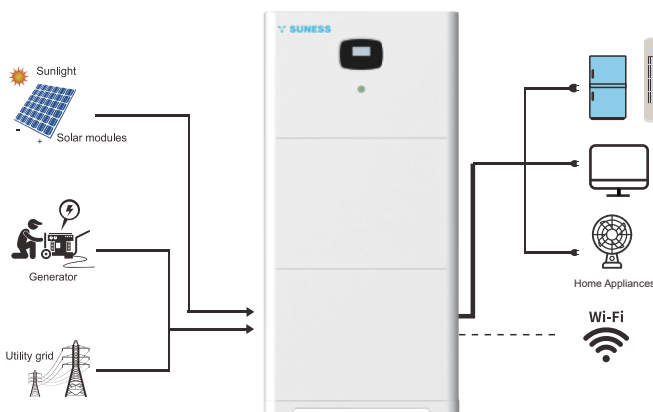
CERTIFICATE



CE



UN38.3



IEC