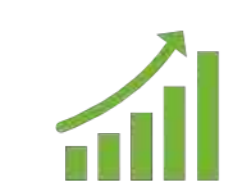


5KW inverter/10.24KWH battery(ALL-IN-ONE)



Larger Battery Capacity

Modular Design
100% Deeply Discharge



Simple Installation

25KG Hybrid Inverter Module
55KG Battery Module



Flexible Application

5.12KWh modular design
5-30KWh Flexible Expansion



Transparency

Wi-Fi Connection
Real Time Monitoring System



Safe & Reliable

Lithium Battery (LiFePO₄)
Grade A Battery Cell
Life Over 6000 Cycles



Active Safety

Smart BMS System
Fire Extinguishers installed

Model	ESN-5122001-LFOESS	
10.24KWh Lithium Battery		
Performance		
Rated voltage	51.2V	
Rated capacity	100Ah*2	
Battery Capacity	10.24KWh	
Maximum continuous discharge current	100A	
Standard charging current	<100A	
Standard discharge current	<100A	
Communication		
Communication	RS232, RS485, CAN	
General Specification		
Dimension(W×D×H mm)	550*492*730mm	
Weight(kg)	156Kg	
Cell type	Lithium Battery (LiFePO ₄)	
Installation	Wheel Style/Floor Stand	
Operating suitable temperature	-20°C ~65°C	
Cycle life	Over 6000 Cycles	
Guarantee	>10 years	
Standard Compliance		
Certificates	UN38.3,MSDS,IEC,CE,RoHs	
5KW Hybrid Inverter		
Input		
Rated Voltage	220/230/240VAC	
Voltage Range	90-280VAC±3V(Normal)170-280VAC±3V(UPS Model)	
Frequency range	50Hz/60Hz(adaptive)	
Output		
Output power rating	5500W	
Output voltage	220/230/240VAC±5%	
Output frequency	50/60Hz±0.1%	
Wave form	Pure sine wave	
Peak power	11000VA	
Battery		
Rated Voltage	48Vdc	
Floating charge voltage	54vdc	
Solar charge & AC charge		
Maximum input power	5500W	
MPPTinput voltage range	120~500Vdc	
Best Vmp perating range	300~400Vdc	
Maximum PV input voltage	500Vdc	
Maximum PV input current	27A	
Maximum PV/AC charging current	100A/60A	
Enviroment		
Operating temperature	-10~65°C	
Altitude	less 1000m,maximum 4000m	
Noise	≤50db	