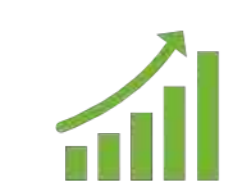


5KW inverter/5.12KWH battery(ALL-IN-ONE)



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-5121001-LFOESS
5.12KWh Lithium Battery	
Performance	
Rated voltage	51.2V
Rated capacity	100Ah*1
Battery Capacity	5.12KWh
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*540mm
Weight(kg)	101Kg
Cell type	Lithium Battery (LiFePO ₄)
Installation	Wheel Style/Floor Stand
Operating suitable temperature	-20℃~65℃
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℃
Altitude	less 1000m,maximum 4000m
Noise	≤50db