

# 5KW inverter/15.36KWH 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 (LiFePO<sub>4</sub>)  
Grade A Battery Cell  
Life Over 6000 Cycles



## Active Safety

Smart BMS System  
Fire Extinguishers installed

Model	ESN-5123001-LFOESS
<b>15.36KWh Lithium Battery</b>	
<b>Performance</b>	
Rated voltage	51.2V
Rated capacity	100Ah*3
Battery Capacity	15.36KWh
Maximum continuous discharge current	100A
Standard charging current	<100A
Standard discharge current	<100A
<b>Communication</b>	
Communication	RS232, RS485, CAN
<b>General Specification</b>	
Dimension(W × D × H mm)	550*492*920mm
Weight(kg)	211Kg
Cell type	Lithium Battery (LiFePO <sub>4</sub> )
Installation	Wheel Style/Floor Stand
Operating suitable temperature	-20°C ~65°C
Cycle life	Over 6000 Cycles
Guarantee	>10 years
<b>Standard Compliance</b>	
Certificates	UN38.3,MSDS,IEC,CE,RoHs
<b>5KW Hybrid Inverter</b>	
<b>Input</b>	
Rated Voltage	220/230/240VAC
Voltage Range	90-280VAC ± 3V(Normal)170-280VAC ± 3V(UPS Model)
Frequency range	50Hz/60Hz(adaptive)
<b>Output</b>	
Output power rating	5500W
Output voltage	220/230/240VAC ± 5%
Output frequency	50/60Hz ± 0.1%
Wave form	Pure sine wave
Peak power	11000VA
<b>Battery</b>	
Rated Voltage	48Vdc
Floating charge voltage	54vdc
<b>Solar charge &amp; AC charge</b>	
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
<b>Enviroment</b>	
Operating temperature	-10-65°C
Altitude	less 1000m,maximum 4000m
Noise	≤50db