

# 12KW inverter/30KWH battery(ALL-IN-ONE)

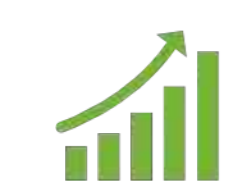
3 Phase



Wi-Fi



Fire Extinguishers



## Larger Battery Capacity

Modular Design  
100% Deeply Discharge



## Simple Installation

49KG Hybrid Inverter Module  
102KG Battery Module



## Flexible Application

15KWh modular design  
15-60KWh 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-5126003-LFOESS
<b>30KWh Lithium Battery</b>	
<b>Performance</b>	
Rated voltage	51.2V
Rated capacity	300Ah*2
Battery Capacity	30KWh
Maximum continuous discharge current	300A
Standard charging current	<150A
Standard discharge current	<230A
<b>Communication</b>	
Communication	RS232, RS485, CAN
<b>General Specification</b>	
Dimension(W × D × H mm)	740*740*880mm
Weight(kg)	288Kg
Cell type	Lithium Battery (LiFePO <sub>4</sub> )
Installation	Wheel Style/Floor Stand
Operating suitable temperature	-20℃ ~65℃
Cycle life	Over 6000 Cycles
Guarantee	>10 years
<b>Standard Compliance</b>	
Certificates	UN38.3,MSDS,IEC,CE,RoHs
<b>12KW Hybrid Inverter</b>	
<b>Input</b>	
AC Voltage Range	170~280VAC OR 305~480VAC
PV Voltage Range	PV (DC) 360~500VDC; MPPT 200 ~ 650VDC
MPPT Quantity	2pcs
Max charge current	Main 120A; hybrid charge 260A
Frequency range	50Hz/60Hz(Auto detection)
<b>Output</b>	
Output power rating	12000W
Output voltage	230VAC/400VAC
Output frequency	50/60Hz ± 0.1%
Wave form	Pure sine wave
Peak power	22000W
<b>Battery</b>	
Rated Voltage	48Vdc
Floating charge voltage	54vdc
<b>Solar charge &amp; AC charge</b>	
Maximum input power	9000W+9000W
MPPT input voltage range	200~650Vdc
Maximum PV input voltage	800Vdc
Maximum PV/AC input current	22A+22A
Maximum PV/AC charging current	PV:260A, AC:120A
<b>Environment</b>	
Operating temperature	-10~65℃
Altitude	less 1000m,maximum 4000m
Noise	≤50db