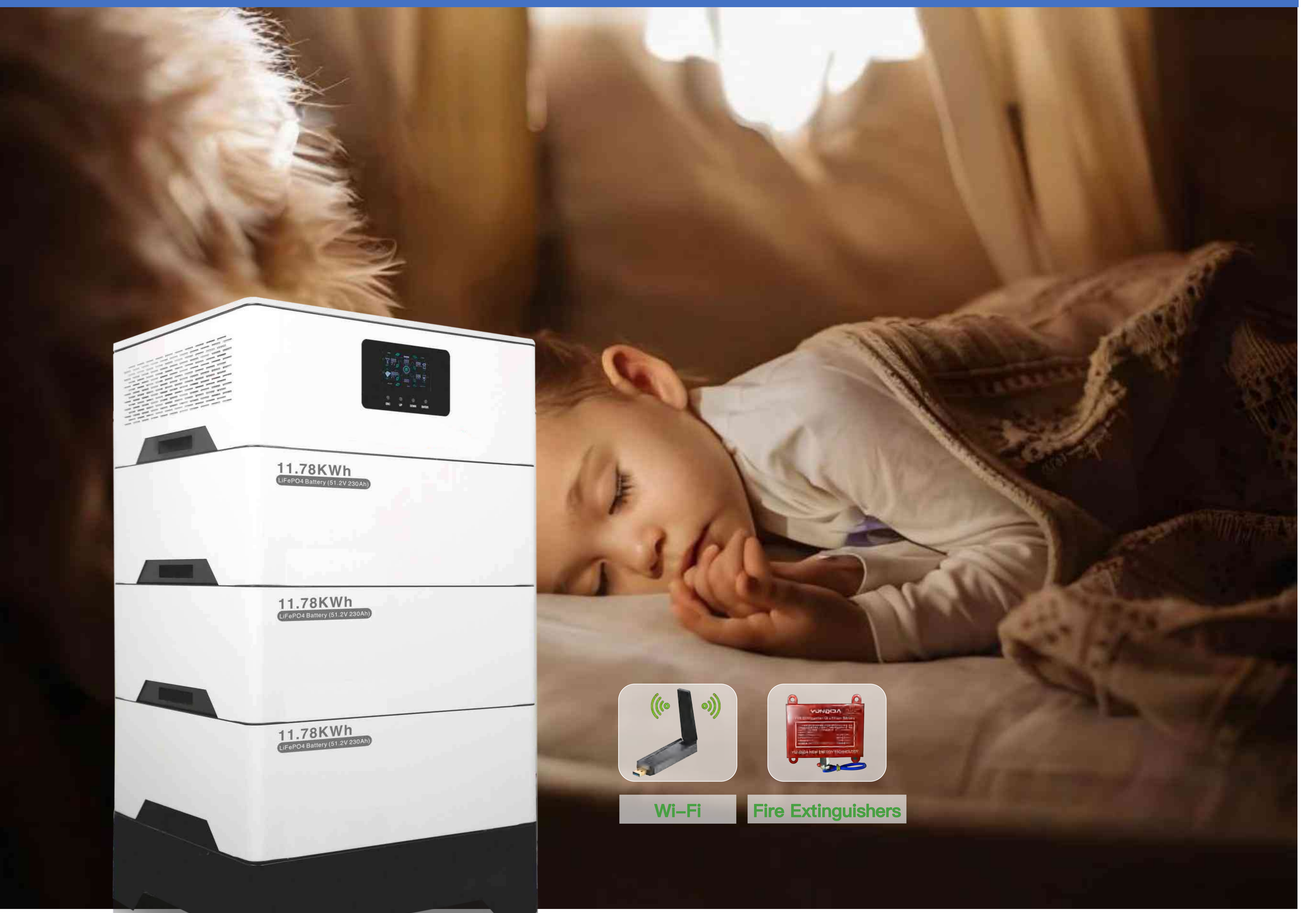
11KW inverter/35.34KWH battery(ALL-IN-ONE)



Larger Battery Capacity
Modular Design
100% Deeply Discharge

Flexible Application
11.78KWh modular design
11–70KWh Flexible Expansion

Safe & Reliable
Lithium Battery（$LiFePO_4$）
Grade A Battery Cell
Life Over 6000 Cycles

Simple Installation
38KG Hybird Inverter Module
75KG Battery Module

Transparency
Wi–Fi Connection
Real Time Monitoring System

Active Safety
Smart BMS System
Fire Extinguishers installed

ESS ONE

Model	ESN-5126002-LFOESS
35.34KWh Lithium Battery	
Performance	
Rated voltage	51.2V
Rated capacity	230Ah*3
Battery Capacity	35.34KWh
Maximum continuous discharge current	230A
Standard charging current	<150A
Standard discharge current	<215A
Communication	
Communication	RS232、RS485、CAN
General Specification	
Dimension(W × D × H mm)	632*590*1138mm
Weight(kg)	286Kg
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,
11KW Hybird Inverter	
Input	
AC Voltage Range	90~280VAC OR 170~280VAC
PV Voltage Range	PV (DC）360~500VDC；MPPT 90～450VDC
Frequency range	50Hz/60Hz(Auto detection)
Output	
Output power rating	11000W
Output voltage	220/230/240VAC ± 5%
Output frenquency	50/60Hz ± 0.1%
Wave form	Pure sine wave
Peak power	22000W
Battery	
Rated Voltage	48Vdc
Floating charge voltage	54vdc
Solar charge & AC charge	
Maximum input power	5500W+5500W
MPPT input voltage range	90~450Vdc
Best Vmp perating range	300~400Vdc
Maximum PV input voltage	500Vdc
Maximum PV input current	18A/18A
Maximum PV/AC charging current	150A
Enviroment	
Operating temperature	-10~65℃
Altutude	less 1000m,maximum 4000m
Noise	≤50db