

12KW inverter/60KWH battery(ALL-IN-ONE)

3 Phase



Wi-Fi



Fire Extinguishers



Larger Battery Capacity

Modular Design
100% Deeply Discharge



Flexible Application

15KWh modular design
15-60KWh Flexible Expansion



Safe & Reliable

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



Simple Installation

49KG Hybrid Inverter Module
102KG Battery Module



Transparency

Wi-Fi Connection
Real Time Monitoring System



Active Safety

Smart BMS System
Fire Extinguishers installed



Model	ESN-51212003-LFOESS	
60KWh Lithium Battery		
Performance		
Rated voltage	51.2V	
Rated capacity	300Ah*4	
Battery Capacity	60KWh	
Maximum continuous discharge current	300A	
Standard charging current	<150A	
Standard discharge current	<230A	
Communication		
Communication	RS232, RS485, CAN	
General Specification		
Dimension(W × D × H mm)	740*740*1400mm	
Weight(kg)	492Kg	
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	
12KW Hybrid Inverter		
Input		
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)	
Output		
Output power rating	12000W	
Output voltage	230VAC/400VAC	
Output frequency	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	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	
Environment		
Operating temperature	-10~65℃	
Altitude	less 1000m,maximum 4000m	
Noise	≤50db	