

HOUSEHOLD ENERGY STORAGE SYSTEM

ON/OFF GRID SOLAR INVERTER
3.3kW

Application Scenarios

Scenarios of no power, lack of power, power instability area, no motor and other impact load scene



Product Features

- Safe And Reliable

 - With short circuit, under-voltage, overload,anti-reflux , PV anti-reverse connection,and other safety protection functions.
- Powerful Function

 - 4 types of charging modes are optional: mains priority, photovoltaic priority, hybrid charging, only solar energy
 - With two kinds of output modes(mains bypass & inverter output), it can supply the power uninterruptedly.
- Higher Yield

 - Integrated MPPT controller, with efficiency up to 99.9%.
- Intelligent And Easy To Use

 - Optional RS485, WIFI
 - Compatible with lead-acid, lithium batteries, gel batteries, etc.

Product Highlight

- Powerful Function

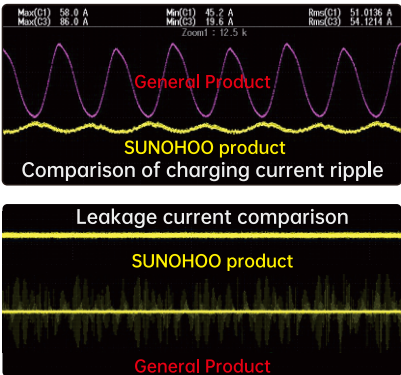
 - Equipped with uphill driving function, with higher load power and more types of loads.
- Strong Adaptability

 - Customizable design to meet different customer needs.
 - No battery, bypass output ensures uninterrupted power for critical loads.
- More Intelligent

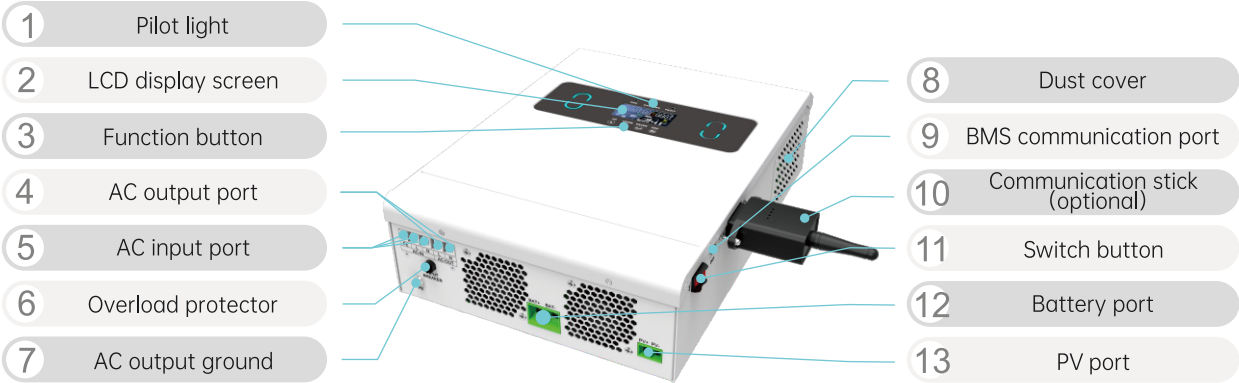
 - Power grid self-adaptation, supporting normal power generation under weak grid conditions.
 - With automatic dust removal function.
 - Can set the photovoltaic grid-connected mode.
- Novelty In Appearance

 - The appearance is like a robotic cat, lively and friendly.
- Safe And Reliable

 - Adopt special inverter architecture to reliably suppress leakage current, leading the industry.
 - Excellent charging current control technology, effectively controlling the charging current ripple.



Product Appearance



HS1033EH48L Parametes

MODEL	HS1033EH48L
Battery Voltage	48Vdc
Battery Type	Lead-acid, lithium batteries, gel batteries, etc
Output	
Rated Output Power	3600VA/3300W
Parallel Function	N/A
Rated Output Voltage	230Vac ±4%
Rated Output Frequency	50/60Hz ±0.3(Adaptive)
Output Waveform	Pure sine wave
Max Efficiency(Peak)	93.8%
Rated Current	14.3A
Transfer Time	10ms(Typical value)
PV Input	
Max Input Power	3600W
MPPT Voltage Range	90~500Vdc
Max Input Voltage	500Vdc
Max Charging Current	60A
Mains/ Generator Input	
Max Charging Current	30A
AC Input Voltage Range (UPS mode)	170~280Vac,±2%
Frequency Range	(47-55Hz) ±0.3 / (57-65Hz) ±0.3
Battery Input	
Voltage Range	40~60Vdc
Max Charging Current	60A
Default Charging Current	30A
General Parameters	
Dimension. W*D*H(mm)	372*269*100
Installation Method	Wall-mounted
Weight (kg)	10
Communication Mode	RS485, Optional WIFI/4G
Operating Environment	
Operating Ambient Temperature	-10°C~55°C
Storage Ambient Temperature	-20°C~60°C
Humidity	5%~95% Non-condensation
Altitude	< 2000m
Protection Degree	IP20
Certifications	
Safety Certification	CE (IEC62109-1)
EMC Certifications	IEC/EN61000-6-1/3,CLASS B

Specifications are subject to change without advance notice.