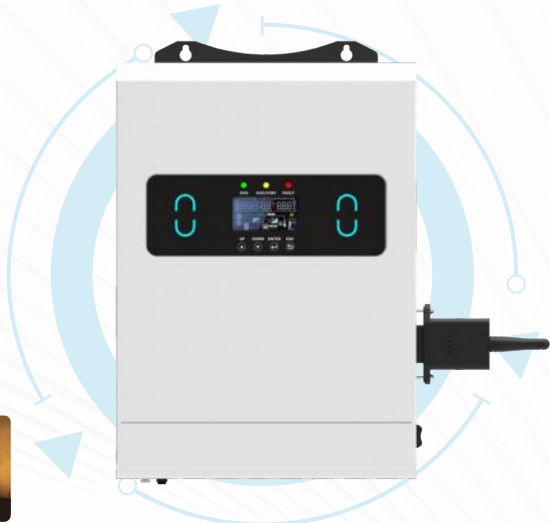
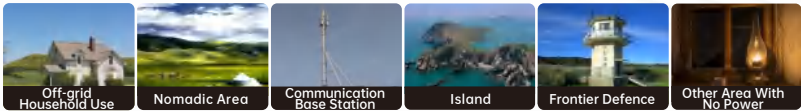


HOUSEHOLD ENERGY STORAGE SYSTEM

ON/OFF GRID HYBRID INVERTER
PV High Vol 3.3kW/24V&48V

Application Scenarios

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



Product Highlights

- The maximum power of the PV is twice the rated power. It supports full-power charging and full-power load operation
- It has the function of connecting to the power grid, which effectively improves the energy utilization efficiency
- It is equipped with a dimensional upgrade driving function, enabling a larger load power capacity and support for a wider variety of loads.
- It adopts an advanced inverter architecture, which can reliably suppress leakage current and ensure electrical safety.
- It can provide bypass output even without a battery, ensuring continuous power supply to critical loads.
- It is compatible with lead-acid batteries, lithium batteries, gel batteries, etc.
- It has a battery activation function.
- It supports a 24V battery input.

Product Appearance



HS1033EH24L ~ HS1033EH48L Parameters

MODEL	HS1033EH24L	HS1033EH48L
Battery Voltage	24Vdc	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		
Rated Power	3600W	
MPPT Voltage Range	90~500Vdc	
Max Input Voltage	500Vdc	
Max Charging Current	100A	60A
Mains/ Generator Input		
Max Charging Current	60A	30A
AC Input Voltage Range (UPS mode)	170~280Vac,±2%	
Frequency Range	(47-55Hz) ±0.3 / (57-65Hz) ±0.3	
Battery Input		
Voltage Range	20~33Vdc	40~60Vdc
Max Charging Current	100A	60A
Default Charging Current	30A	
General Parameters		
Dimension. W*D*H(mm)	372*269*100	
Installation Method	Wall-mounted	
Weight (kg)	7.2	
Communication Mode	RS485 , Optional WIFI/4G	
Protection function	Over/Under Voltage Protection, Over/Under Frequency Protection, AC Output Short Circuit Protection, AC Output Overload Protection, High/Low Temp Protection	
Operating Environment		
Operating Ambient Temperature	-25℃~60℃(> 45℃ Derating)	
Storage Ambient Temperature	-20℃~60℃	
Humidity	5%~95% Non-condensation	
Altitude	4000m(> 2000m Derating)	
Protection Degree	IP20 (For indoor use only)	
Certifications		
Certification	CE , RoHS	
Certifications standard	IEC/EN 61000-6-1/3 , EN 62920 , IEC 62109-1, IEC 62109-2, IEC 62321	

Specifications are subject to change without advance notice.