



 HS1033EH24L~1055EH48P

	HS1033EH24L	HS1033EH48L	HS1045EH48L	HS1055EH48L	HS1055EH48P
	24Vdc	48Vdc	48Vdc	48Vdc	48Vdc
	3600VA/3300W	3600VA/3300W	5000VA/4500W	6000VA/5500W	6000VA/5500W
					10
	230Vac ±4%				
	50/60Hz ±0.3()				
	93.8%				
	14.3A	14.3A	19.6A	23.9A	23.9A
	10ms()				
PV					
	3300W	3300W	4500W	5500W	5500W
MPPT	90~450Vdc		120~450Vdc		
	500Vdc		500Vdc		
	100A	60A	80A	100A	100A
PV					
	60A	30A	60A	60A	60A
(UPS)	170~280Vac,±2%				
	(47-55Hz) ±0.3 / (57-65Hz) ±0.3				
	20~33Vdc	40~60Vdc			
	100A	60A	100A	100A	100A
	30A	15A	30A	30A	30A
W*D*H (mm)	372*269*100		470*330*125		
(kg)	7.2		12		
	RS485	WIFI/4G	RS485/	WIFI/GPRS/4G	
	-10°C~55°C				
	-20°C~60°C				
	5%~95%				
	2000m				
	IP20				
	CE (IEC62109-1)				
EMC	IEC/EN61000-6-1/3,CLASS B				

OFF-GRID SOLAR INVERTER

Application Scenarios

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



Off-grid Household Use



Nomadic Area



Communication Base Station



Island



Frontier Defence



Other Area With No Power

Product Features

Integrated MPPT controller, with efficiency up to 99.9%.

With short circuit, under-voltage, overload, anti-reflux and other safety protection functions.

Compatible with lead-acid, lithium batteries, gel batteries, etc.

With two kinds of output modes(mains bypass & inverter output), it can supply the power uninterruptedly.

4 types of charging modes are optional: mains priority, photovoltaic priority, hybrid charging, only solar energy
RS485, WIFI or GPRS telecommunication modules are optional

Product Highlight

Adopt special inverter architecture to reliably suppress leakage current, leading the industry.

Excellent charging current control technology, effectively controlling the charging current ripple.

Can set the photovoltaic grid-connected mode.

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

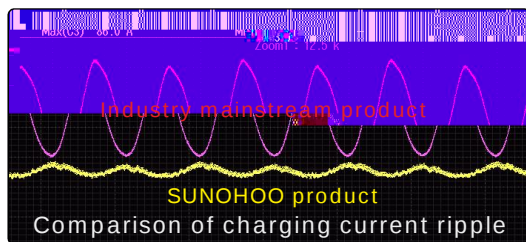
With automatic dust removal function.

No battery, bypass output ensures uninterrupted power for critical loads.

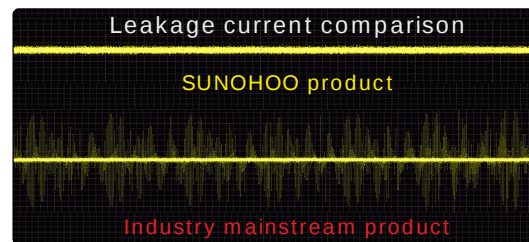
The Maximum Supports up to 10 parallel machines, and three-phase group grid.

Power grid self-adaptation, supporting normal power generation under weak grid conditions.

The appearance is like a robotic cat, lively and friendly.
Customizable design to meet different customer needs.



Comparison of charging current ripple



Leakage current comparison

Product Appearance

