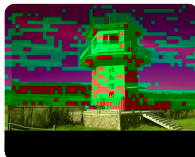
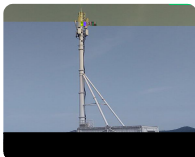




户用储能系统

Household Energy Storage

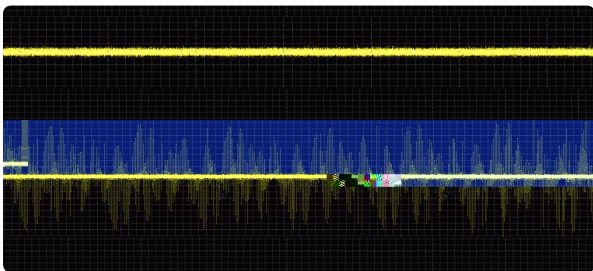
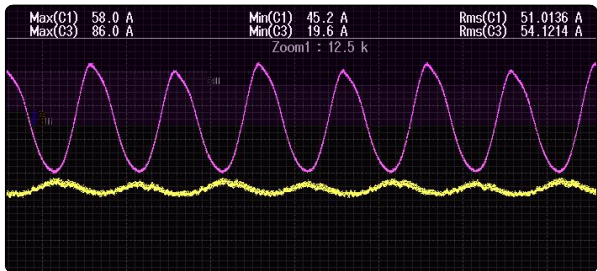


MPPT

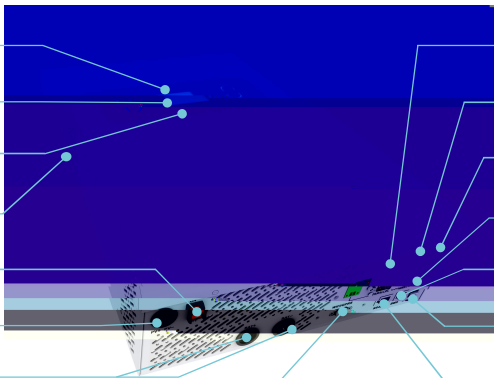
MPPT

99.9%

4G WIFI GPRS



- ☐
- ☐ LCD
- ☐
- ☐ ()
- ☐
- ☐ PV
- ☐
- ☐



- ☐ AC
- ☐ AC
- ☐ AC
- ☐
- ☐ BMS
- ☐
- ☐ RS485

 HS030 050ELS/ELSP

	HS030ELS	HS040ELS	HS050ELS	HS050ELSP
	48Vdc	48Vdc	48Vdc	48Vdc
	3000VA/3000W	4000VA/4000W	5000VA/5000W	5000VA/5000W
				10
	230Vac ±4%			
	50/60Hz ±0.3()			
	93.8%			
	13A	18A	22A	22A
	10ms()			
PV				
	3200W	4500W	4500W	4500W
MPPT	60~115Vdc			
	145Vdc			
	60A	80A	80A	80A
PV				
	30A	60A	60A	60A
(UPS)	170~280Vac,±2%			
	(47-55Hz) ±0.3 / (57-65Hz) ±0.3			
	40~60Vdc			
	90A	140A	140A	140A
	30A	30A	30A	30A
W*D*H (mm)	470*330*125			
(kg)	12	12	12	12
	RS485/		WIFI/GPRS/4G	
	-10℃~55℃			
	-20℃~60℃			
	5%~95%			
	2000m			
	IP20			
	CE (IEC62109-1)			
EMC	IEC/EN61000-6-1/3,CLASS B			



HOUSEHOLD ENERGY STORAGE SYSTEM

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.

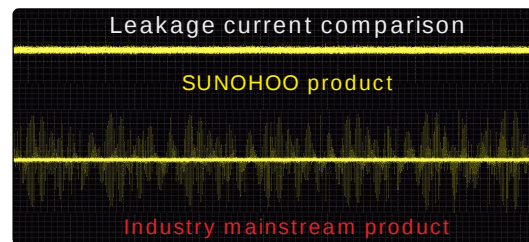
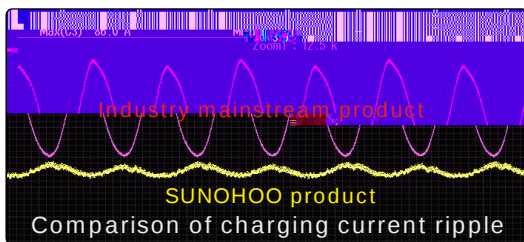
No battery, bypass output ensures uninterrupted power for critical loads.

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.

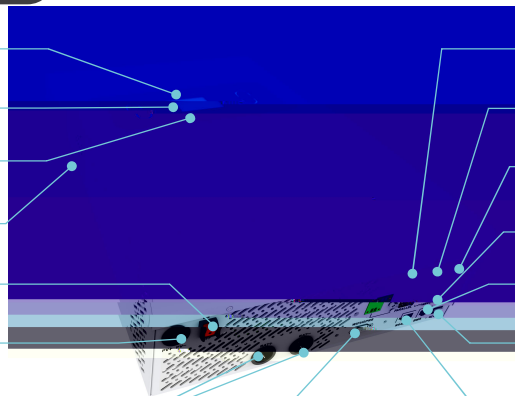
The appearance is like a robotic cat, lively and friendly.

Customizable design to meet different customer needs.



Product Appearance

- ☐ Pilot light
- ☐ LCD display screen
- ☐ Function button
- ☐ Dust cover (optional)
- ☐ Switch button
- ☐ PV port
- ☐ Battery port
- ☐ Communication stick optional



- ☐ AC input port
- ☐ AC output port
- ☐ AC output ground
- ☐ Parated current wiring port (no single version)
- ☐ BMS communication port
- ☐ Dry junction port
- ☐ RS485 communication port

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