

Why choose us ?

Customer Feedback

- Aruba:** "hey mi feedback is very happy to have done service with you. Great assistance, great customer service and the batteries are working great"
- Czech Republic:** "I have already contacted about 185 companies. Among all business managers, you are one of the most able to communicate. I write with about five managers. Others don't know much and don't even know their company or the product range."
- Ukraine:** "I would like to order several models from you in quantities of 10 pieces each, as we discussed before the holidays. I will send you an invoice for them later."
- Macedonia:** "And in next order for sea shipment will be at least 10 pcs more. I did installed last months and 220V/380V vid solar inverters and pumps to 7.5kw power. But your solar pumps are the best. And in future I will give my full priority and support to your solar pumps. Will not sell and propose any other"
- Britain:** "Britain Wind-solar hybrid system"
- South Africa:** "South Africa Inverter"
- Philippines:** "Philippines Lead-acid battery"
- Malawi:** "Malawi Lead-acid battery"

Why choose us ?



High frequency wall mounted inverter

Pure Sine Wave

Built-in MPPT Solar Controller

Intelligent BMS

LCD Real-time Display

Maximum PV Input 5500W

AC Output

MPPT Voltage Range 150-500V



High frequency inverter: High efficiency and energy saving, with a conversion efficiency of up to 98%, can save more than 20% of energy compared to traditional inverters.

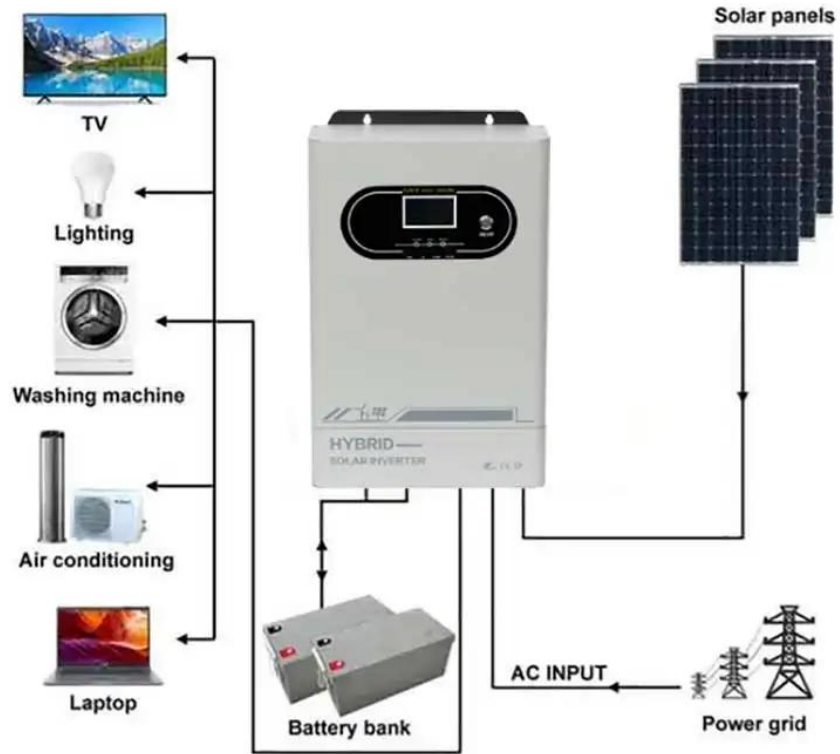
High frequency inverter: Lightweight and small in size, weighing only 1/3 of traditional inverters and occupying only 1/4 of the volume, can greatly save installation space and cost.

Short dynamic response time and fast control speed, with a response time only 1/10 of traditional inverters, can respond to grid changes more quickly.

Enhanced control capability and significantly improved process performance, with higher accuracy and stability, can achieve more accurate power output.



Application Scope



PARAMETERS

Rated capacity	3.5KW		5.5KW
Model	VMH3.5K-24V	VMH3.5K-48V	VMH5.5K-48
AC input			
Input standard	L+N+PE		
Rated input vol tage	208/220/230/240VAC		
Vol tage range	154-264VAC ±3V (APL mode) 1 85-264VAC±3V (UPS mode)		
Frequency range	50Hz/ 60Hz (self- adaptat ion)		
AC Output			
Output s tandard	L+N+PE		
Output vol tage	208/220/ 230/240VAC+5%		
Output frequency	50/ 60Hz+0.1%		
Wave form	Pure sine wave		
Switching time .	Computer equ ipment 10ms, household appl iances 10ms		
Peak power	6000VA	6000VA	10000VA
Overload capacity	Battery mode : 1min@102%~ 110% Load 10s@110%~ 130% Load 3s@130%~ 150% Load 200ms@>150% Load		
Peak efficiency	>93%	>94%	>94%
Battery(Support Lead acid/Lithium battery)			
Rated vol tage	24VDC	48VDC	
Constant vol tage charge vol tage (opt ional)	28.52VDC	56.4VDC	

Float ing charging vol tage (optional)	27VDC	54VDC	
Solar panel			
PV charging mode	MPPT		
PV Maximum input power	4000W	5500W	
MPPT tracking range	150~ 450VDC		
Maximum PV input voltage	500VDC		
Maximum PV charging current	80A-100A	80A-100A	80A-100A
Display			
LCD interface	2x8PIN/Pitch2.54mm,support 128-bit segment code, can support up to 4 keys +4 leds,can display operat ing mode/load/ i nput/ output,etc		
Communication port			
RS232	5PIN/Pitch2. 0mm, Baud rate 2400 .		
Expansion slot communication interface .	2x5PIN/Pi tch2.54nmm,battery BMS communication card,WIFI card, dry contact card,etc		
Parallel interface	No parallel funct ion		It has parallel . funct ion
Environmental parameter			
Operating ambient tempera ture	20%~95% (no condensation)		
Operating env ironment humidity	20%~95%(no condensation)		
Storage temperature	15-60℃		

altitude	The altitude should not exceed 1000m, and the derating above 1000m is maximum 4000m
noise	≤50db
Physical parameter	
Product size (CM)	31*12*46CM
Package size (CM)	/
Net weight (kg) (for reference)	13KGS
Gross weight (kg) (for reference)	/

Factory



According to product quality requirements, the company has established a strict quality management system.

Strictly control and manage all the links related to product quality.

We have established scientific inspection procedures and quantified the inspection indicators to ensure the continuous and stable production of qualified products.

The company strictly controls raw materials to prevent unqualified products from flowing into the production site.

Packaging&Shipping



- 1) Inner box - carton - pallet - load on container
- 2) Packaging also can be made by customers requirements

Certificate Display



The company has passed ISO9001 quality system certification, ISO14001:2015 environmental management system certification, and its products have passed a series of international authoritative certifications such as SGS, UN38.3, CE, RoHS, MSDS, CNAS, etc.

Our Team



Guangzhou ESG New Energy Technology Co., Ltd. is mainly engaged in the research, development, production and sales of new energy products such as lithium batteries, lead-acid batteries, inverters and solar panels.

With the progress of solar cell technology and the development of low-power semiconductor design technology, the application of solar cells to replace the traditional battery gradually appeared. Adhering to the service concept of "scientific and technological innovation, quality assurance, and creating value for customers" and "scientific and technological innovation, quality assurance, and creating value for customers", under the guidance and innovation of our professional R&D staff, we have established friendly cooperative relationships with various power supply companies and power plants in China's electric power system by virtue of the exquisite appearance and superior electrical performance of EsenGAu's products. At the same time, we have also developed a wide range of foreign markets, products are exported to Japan, Korea, the United States, Europe, Australia and other places.

History Exhibition



1. ESG 35 years brand experience
2. China first technology .Got the patent which Let battery 30% longer life.
3. Battery doctor. Factory got battery detector patent.It can analyze and repair faulty batteries,
4. Delivery fast :12V7AH 50,000 units per day, hot-selling models 100AH, 200AH keep in stocks So 48 hours delivery
5. Complete certificate. We keep ISO, CE, UL CCC, ROHS, TUV, SGS, IEC UN38.3 certificates
6. One of 5 major suppliers designated by the China government for tender.

FAQ

Q1. How can we guarantee quality?

A1: Always a pre-production sample before mass production;
Always final Inspection before shipment;

Q2. What can you buy from us?

A2: Lithium Ion Battery, Lead Acid Battery, Inverter, Solar Panel, Wind Turbine, Controller ect.

Q3. Why should you buy from us not from other suppliers?

A3: Company info. & Advantages
Guangzhou ESG New Energy Technology Co., Ltd. is mainly committed to the development, production and sales of pure sine wave off-grid inverter, solar controller and solar lighting, lithium battery energy storage battery and other wind-solar complementary power generation system products.

Q4. What is your payment term?

A4: We usually accept PAYPAL, T/T as the main payment method, other payment methods can also be negotiated.

Q5: Quality problem?

A5: If there is any quality problem or question, we can provide technical support or return service.

Q6: How can I contact us?

A6: Send your inquiry details below, click "Send"!!! Free samples and best answers are waiting for you.