PURE SINEWAVE

LOW FREQUENCY IPS / HYBRID IPS



Features

- Pure sine wave output;
- Wide power range from 700 watts to 40 kilowatts
- Intelligent LCD integration display;
- AC charge current 0-20A adjustable; battery capacity configuration more flexible;
- Three types working modes adjustable:AC first, DC first, energy-saving mode;
- Supports diesel or gasoline generator, adapt any tough electricity situation;
- Mains power and generators can charge the battery, inverter can be used as an uninterruptible power supply.
- Compatible with lead-acid and lithium batteries, smart battery charger design for optimized battery life.

Application

Household

Small Power Supply Station

Environmental Protection

Grassland

Hill /Island

Agricultural Irrigation



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IPS



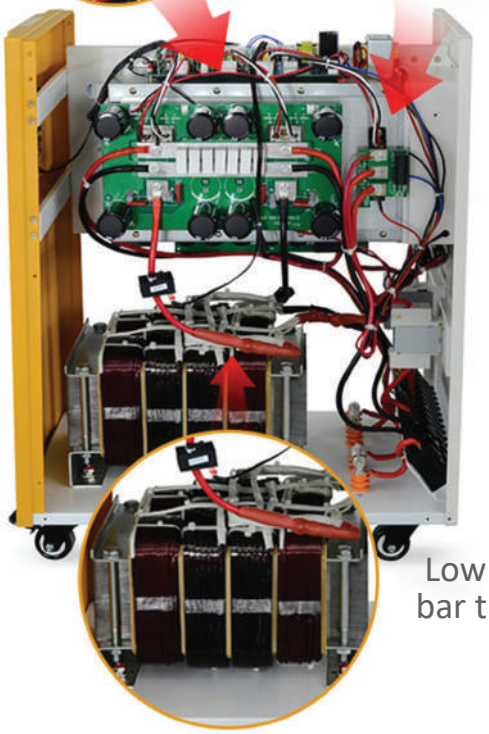
LITHIUM BATTERY

High effciency motherboard





Aluminum alloy heat sink



Cooling fan in intelligent



Low frequency bar transformer

Specification : 5000VA~10KV

Model:	AHU-5000/48/96	AHU-6500/48/96	AHU-7500/48/96	AHU-10K/48/96
Power				
Rated Power	4000W	5200W	6000W	8000W
Phase Type	Single phase L-N ; Above 8kw Split phase can be customized L1-L2, L1-N, L2-N			
Battery				
Standard Battery Voltage	48/96VDC	48/96VDC	48/96VDC	48/96VDC
Battery Type	Lead-acid battery / Lithium battery			
AC Input				
Rated Input Voltage	220VAC /230VAC/ 240VAC (Selectable)			
AC Input Voltage Range	155VAC~285VAC (230VAC)			
AC Input Frequency	45Hz~55Hz (50Hz), 55Hz~65Hz (60Hz)			
AC Output				
Output Wave	Pure Sine Wave			
Conversion Efficiency	>85%			
AC Output Voltage / Frequency Range (INV Mode)	220VAC±2% / 230VAC±2% / 240VAC±2%, 50/60Hz±1%			
Other				
Protection	■ Battery under voltage protection ■ Battery overvoltage protection ■ Overload power protection ■ Inverter output short circuit protection ■ Temperature protection			
Protection Degree	IP20			
Display	LCD			
Cooling Method	Cooling Fan in Intelligent Control			
Communication	RS485/APP（WIFI monitoring or GPRS monitoring）			
Working Mode (settable)	Battery Priority/Mains Priority			
Operating Temperature	-15℃~40℃			
Relative Humidity	0%~95% ,(No Condensation)			
Dimensions and Weight				
Product Size(L*W*Hmm)	491x260x490			
Packing Size(L*W*Hmm)	545x315x550			
N.W.(kg)	29	30	31.5	36
G.W.(kg)	32	33	34.5	39

Note: “Selectable" can be customized according to customer requirements.