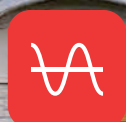


PURE SINEWAVE LOW FREQUENCY IPS / HYBRID IPS



Pure sine wave



MPPT



WiFi



Unattended
Function



Configurable
Battery



RS485



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



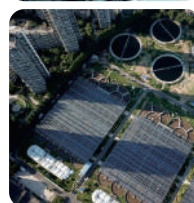
Grassland

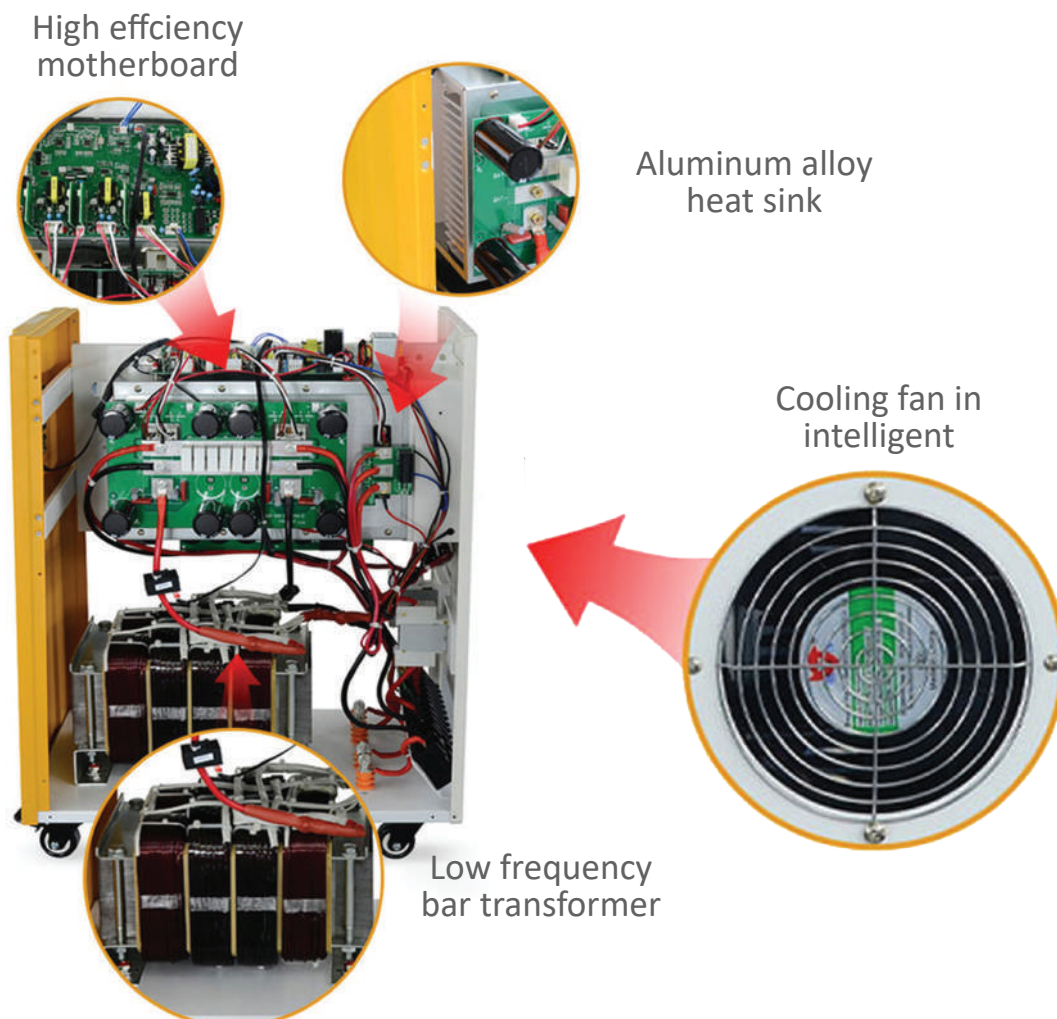
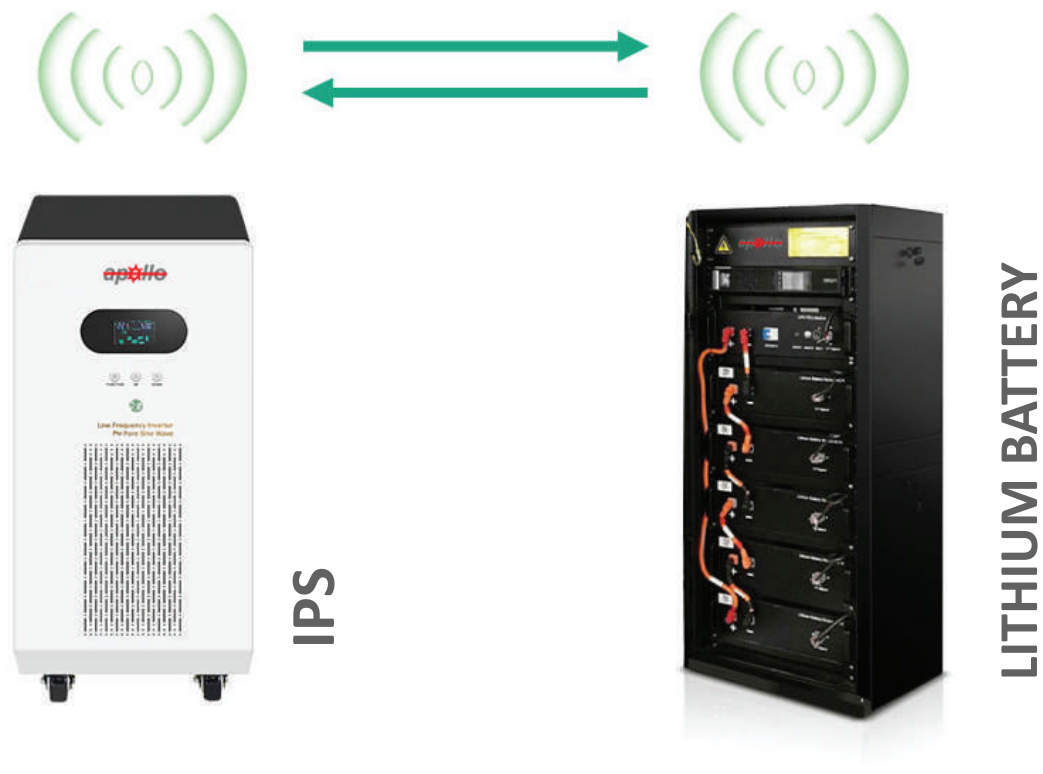


Hill / Island



Agricultural
Irrigation





■ Specification : 1000VA~4000VA

Model:	AHU-1000/12	AHU-1250/24	AHU-2200/48	AHU-2500/48	AHU-4000/48
Power					
Rated Power	700W	1000W	1600W	2000W	3200W
Phase Type	Single phase L-N ; Above 8kw Split phase can be customized L1-L2, L1-N, L2-N				
Battery					
Standard Battery Voltage	12/24VDC	12/24VDC	24/48VDC	24/48VDC	24/48VDC
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°C~40°C				
Relative Humidity	0%~95% ,(No Condensation)				
Dimensions and Weight					
Product Size(L*W*Hmm)	340x165x283			410x200x350	
Packing Size(L*W*Hmm)	405x230x340 (1PC) / 475x415x350 (2PC)			475x265x410	

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