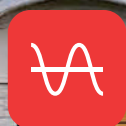


PURE SINEWAVE LOW FREQUENCY IPS / HYBRID IPS



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



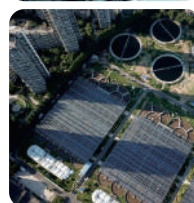
Grassland

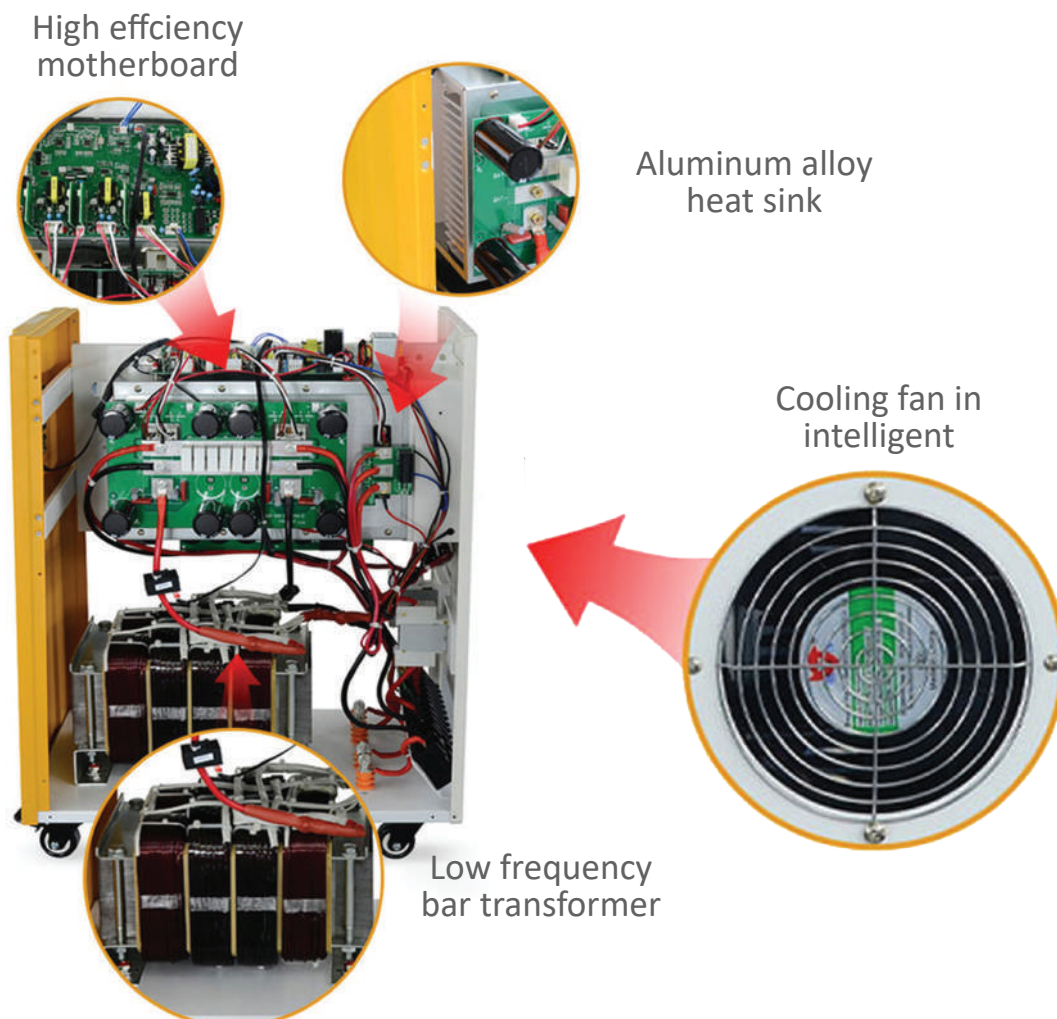
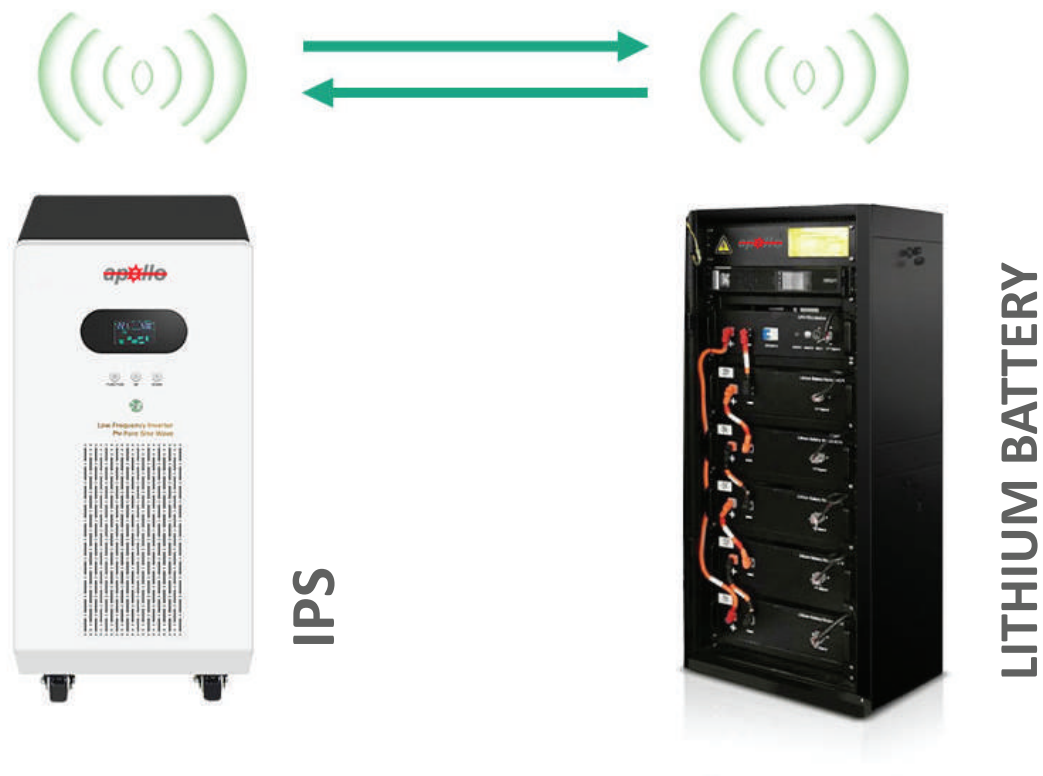


Hill / Island



Agricultural
Irrigation





■ Specification : 8KV~40KV

Model	AHU-8K/48/96	AHU-10K/192	AHU-12K/96/192	AHU-15K/192	AHU-20K/192	AHU-25K/240	AHU-30K/240	AHU-40K/384
Power								
Rated Power	8KW	10KW	12KW	15KW	20KW	25KW	30KW	40KW
Battery								
Standard Battery Voltage	48/96/192VDC	48/96/192VDC	96/192VDC	192VDC	192VDC	240VDC	240VDC	384VDC
Battery Type	Lead-acid battery / Lithium battery							
AC Input								
Rated Input Voltage	220VAC /230VAC/ 240VAC (Selectable)							
AC Input Voltage Range	220VAC±2% / 230VAC±2% / 240VAC±2%, 50/60Hz±1%							
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)	110VAC±2% / 120VAC±2% / 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)	540x350x695			593x370x820			721x400x1002	
Packing Size(L*W*Hmm)	600*410*810			656*420*937			775x465x1120	
N.W.(kg)	66	70	77	110	116	123	167	192
G.W.(kg)	77	81	88	124	130	137	190	215

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