



**POWER SYSTEM HB**

**400W~8000W**



**FEATURES**

- Pure sine wave output
- DC Start & Automatic Self-Diagnostic Function
- Automatically send signal to start generator
- High efficiency design for optimized battery performance
- Selectable charging current based on applications
- AC start-up voltage auto restart voltage With AVR voltage regulate function
- lead acid battery/Lithium battery

**APPLICATION**



Outdoor reconnaissance



Base station/base



Farming/animal husbandry



Fisheries

**HB SERIES**  
PARAMETERS

Model	HB0512	HB0812	HB1012	HB1512	HB1524	HB2024F	HB3024F	HB3048F	HB5048F	HB10048F
AC input voltage	220V/110V									
Input voltage range	220V(145-275VAC±3V) 110V(73-137VAC±3V)					220V:154-264VAC±3V( Normal mode) 185-264VAC±3V(UPS mode) 110V:77-132VAC±3V( Normal mode) 92-132VAC±3V( UPS mode)				
Input frequency	50/60Hz±5%									
Output rated power	400W	640W	800W	1200W	1200W	1600W	2400W	2400W	4000W	8000W
AC Mode output voltage	The Same As Input Voltage									
AC Mode output frequency	The Same As Input Frequency									
Battery Mode output voltage	220VAC±10%(110VAC±10%)									
Battery Mode output frequency	50HZ or 60HZ±1%									
Battery Mode output wave	Pure Sine Wave									
Battery type	Lead Acid Battery/water Battery/lithium Battery									
Battery voltage	12V			24V				48V		
Battery charging voltage	13.75VDC			27VDC				54VDC		
Max AC charging current	8A	13A	18A	30A	15A	20A	30A	15A	22A	56A
Battery charging voltage range	150-280VAC									
Transfer time	≤10ms									
Load peak ratio	(MAX)3:1									
ECO Mode(w)	6W	8W	9W	11W	12W	15W	16W	16W	23W	32W
Protection	Overload /Short circuit/Low voltage/Battery reverse connection protection									
Status display	AC voltage/AC frequency/Output frequency/Battery voltage/Load current									
Audible alarm	Low battery protection buzzer long beep Low battery buzzer every second Overload buzzer long Overload less than 130%, buzzer every second; overload more than 150%, after 300ms, it will turn off Machine fault buzzer long									
Working temperature	0°C~40°C									
Storage temperature	-15°C~45°C									
Relative temperature	-10°C~90°C No condensation									
Noise	<45dB									
Dimension(mm)	300*144*213					385*190*382				552*190*382
Net weight (kg)	6.5	6.9	7.8	8.59	9.5	14.6	17.2	17.85	22	36.1