



- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.8 / 0.9
- Wide input voltage
- Converter mode available
- Cold start function
- Generator compatible
- SNMP+USB+RS-232 multiple communications
- Comprehensive display allows easy monitoring and access of UPS status

Technical Specification Of 1KVA to 5KVA True On Line UPS

MODEL		BPSHF1000	BPSHF2000	BPSHF3000	BPSHF5000
CAPACITY		1KVA/800W	2KVA/1600W	3KVA/2400W	5KVA/4000W
INVERTER TYPE		IGBT BASED DSP TECHNOLOGY			
INPUT	Voltage Range	150V AC - 270VAC ,Single Phase			
	Frequency	46Hz-54Hz			
	Power Factor	≥0.98			
OUTPUT	Voltage	230V AC,Single Phase			
	Voltage Regulation	±1%			
	Load Regulation	±2%			
	Frequency	50Hz ± 0.2Hz			
	Power Factor	0.8 Standard / 0.9 Optional			
	Waveform	Pure Sine Wave			
	Total Harmonic Distortion	< 3% Linear load, < 5% non linear load			
	Crest Factor	3:1			
	Overload Capability	5 Minutes at 110% load			
Efficiency(on line mode)	>89%				
BATTERY	DC Voltage	24VDC/36 VDC	72 VDC / 96 VDC	72 VDC / 96 VDC	192 VDC / 240 VDC
	Recharge Current	Adjustable	Adjustable	Adjustable	Adjustable
Transfer Time		0ms (AC mode→Battery mode)			
Noise Level (1m)		< 45dB			
Ambient Temperature		0~45°C			
Duty Cycle		Continuous			
Cooling		Forced air cooling			
Bypass Switch		Static bypass switch / Manual bypass Switch (Optional)			
Humidity		0~95% (Non-condensing)			
Sea Level Elevation		< 1500m			
Metering		LCD Display input/output Voltage, Frequency, Battery voltag, Battery capacity, Load Percentage.			
Protections		Input, Output – Low and High , Battery low and high voltage, Input, output – Fuse, Transient Surge,Battery - MCB/Fuse, Short circuit, Over load			
Trip Conditions		Over load, Over and Under voltage, Short Circuit,low battery,Over Temperature			
Indications		Mains ON, Inverter ON, Battery Low, Overload.			
Isolation Transformer		Internally / Externally (Optional)			
Alarms		Audio for extreme battery low voltage / Mains fail			
Communication		Smart RS232, SNMP(Optional),USB (Optional)			

*Specification and ups image are subject to change without notice due to constant improvement in design & technology.