



ON-LINE UPS 1Phase Out

P B Series

3 - 15 KVA

Application: PC Work Station, Printer, Server



The advance IGBT inverter, coupled with an isolation transformer, enhances the reliability and load adaptability. This unique construction for input and output isolation provides the advantages of noise rejection as well as clean and safer neutral line to the load, enables PB UPS to be used with most type of load.

Inbuilt high-rated charger enable battery back-up upto 2-10 hrs.



**ISOLATION
TRANSFORMER**
advantage of
NOISE REJECTION



Rear Panel



Front LCD Display



Long Battery Backup

Features:

- . True Online Triple conversion design
- . Conversion Type AC-DC, DC-DC, DC-AC
- . Output isolation transformer
- . Wide input voltage range
- . User friendly digital LCD display
- . Cold star function
- . High crest factor circuit design
- . Advance Battery Management

- Wide input frequency range ensure all types of fuel generators connected work stable.
- Optimization of high-performance battery.
- Advanced floating switching and charging technology maximums the activation of the battery, thus saves the charging time and extends the battery life.
- Battery cold start function
- The UPS can be start directly by battery group when no utility access in which meets the emergent needs of user.
- Comprehensive and reliable protection
Self-diagnosis function before start-up, avoid the risks that the failure may lead to.
- The multi-protections such as overload, short-circuit, over-temperature, battery under voltage, battery over-charge and so on greatly ensure the system stability and reliability.
- Solar Compatibility (Optional)

Technical Specifications

MODEL	PB1103L8	PB1105L10/L15	PB1105B16	PB1106B16	PB1106B16	PB1108B16	PB1110L16	PB1115L16
INPUT								
Voltage range (V)	165-280 @ 100% Load, Single Phase (3 wire)							
Frequency range (Hz)	50Hz±10%							
OUTPUT								
Power (VA)	3000	5000	6000			8000	10000	15000
Power Factor	0.8(Standard) / (0.9 optional)							
Voltage(V)	220/230/240 ± 1%							
Frequency(Hz)	50 ± 0.1%							
Waveform	Pure Sine Wave							
THDv	THD < 3%							
Overload	125% of rated load last for 60second, 150% of rated load last for 1 second							
Isolation Transformer	Inbuilt Isolation Transformer							
BATTERY								
Battery type	VRLA or SMF							
Battery voltage	96Vdc	120/180 Vdc	180 / 192 Vdc					
Charger current (Max)	1 ~ 10 Amp Standard (Higher Rating optional)							
Recharge Time	< 10hours to 95%							
OTHER FEATURES								
Display	LCD display indicating (Input voltage, Output voltage, Input frequency, Output frequency, load capacity, battery voltage) LED indications : Mains, AC Mode, DC Mode, Low battery, Overload							
Alarm	Battery low voltage, abnormal power supply, UPS failure, Overload							
Protection	Protection for battery low voltage, overload, short circuit and over temprature							
Noise (db)	<50 dB (1meter)							
Efficiency	Upto 90%							
Communication interface	RS232, SNMP, Dry contact (optional)							
Temperature & RH	0 ~ 40°C, 0 ~ 95%, No condensation							
Dimension (WxDxH)mm	240x450x400	250x550x500	250x550x680	250x550x500	250x550x680	280x615x685		350x650x785
Weight (kg.)	30 Kg	51 Kg	98 Kg	52 Kg	99 Kg	73 Kg	76 Kg	104 Kg

Specifications are subject to change without prior notice.

Sole Distributor :



S - POWER B.P.E. PVT. LTD.

Kalanki, Kathmandu, Nepal, Tel : 91- 5224157, 52241601,
5224188, 5224007, 5224063

Web : www.spowerbpe.com, E-mail : spowerups@gmail.com

Dealer :

