



## ON-LINE UPS 1Phase Out

### P B Series

5KVA - 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.**



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
- . Input PF 0.99 (Full Load)

- 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	PB1105 L8/L10/L15	PB1105B16	PB1106 L8/L10/L15	PB1108B16	PB1110L16	PB1115L16
<b>INPUT</b>						
Voltage range (V)	160-300VAC at 100% Load					
Frequency range (Hz)	45-55Hz					
<b>OUTPUT</b>						
Power (VA)	5000		6000	8000	10000	15000
Power Factor	1.0 Standard					
Voltage(V)	220/230/240 ± 1%					
Frequency(Hz)	50 ± 0.1%					
Waveform	Pure Sine Wave					
THDv	THD < 3% Linear Load and <5% non Linear Load					
Overload	125% of rated load last for 10 min, 150% of rated load last for 60 sec					
Isolation Transformer	Inbuilt Isolation Transformer					
<b>BATTERY</b>						
Battery type	VRLA or SMF					
Battery voltage	96/120/180 Vdc		96/120/180 / 192 Vdc			
Charger current (Max)	7~10 Amp Standard (Higher Rating Optional) Generator Compatible					
Recharge Time	< 10hours to 95%					
<b>OTHER FEATURES</b>						
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 temperature					
Noise (db)	< 48 dB (1meter)					
Efficiency	> 96%					
Communication interface	RS232 (Optional)					
Temperature & RH	0 ~ 40°C, 0 ~ 95%, No condensation					
Dimension (WxDxH)mm	250x550x500	250x550x680	250x550x500	250x550x680	280x615x685	350x650x785
Weight (kg.)	51 Kg	98 Kg	52 Kg	99 Kg	73 Kg	104 Kg

Specifications are subject to change without prior notice.

Mktg & Mfd By :



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