

## **ON-LINE UPS 1Phase Out**

# **P B Series**

5 - 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

- 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)

## Technicalcal Specifications

MODEL	PB1105L10	PB1105L15/16	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)		5000		60	000	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	120 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	n				
Dimension (WxDxH)mm	250x550x500	250x550x500	250x550x680	250x550x500	250x550x680	280x6:	15x685	350x650x785		
Weight (kg.)	54 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 :



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