

Online UPS 1Phase Out

POWER IS ON

BPE
Strategic Power Solutions

PB Series 5~15kVA

Applications:

For all kind of ADP Machines



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 safe neutral line to the load, enables PB UPS to be used with critical load applications.

Features:

- True Online Double Conversion Design
- Output Isolation Transformer
- Wide Input Voltage Range
- User Friendly Digital LC Display
- Cold Start Function
- High Crest Factor Circuit Design
- Advance Battery Management
- Inbuilt High-Rated Charger enable Battery Back-up up to 2-10 Hrs.
- IGBT based charger for smart battery management & improve input powerfactor

Rear Panel

1. Fan
2. Input Switch
3. Maintenance Switch
4. Terminal
5. Com Port



Front LCD Display



- Wide Input Frequency Range ensure all types of fuel generators connected work stable.
- Optimization of high performance of battery.
- Advanced floating switching and charging technology maximized 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 emergency needs of user.
- Comprehensive and reliable protection
- self-diagnosis function before start-up.
- The multi-protections such as overload, short circuit, over temperature, battery under voltage, battery over voltage and ensure the system stability and reliability.
- Solar compatibility (Optional)
- Static bypass (Optional)

▶ Technical Specifications of PB Series 5~15kVA

MODEL		PB1105L10	PB1105L16	PB1105B16	PB1106L16	PB1106B16	PB1108L16	PB1110L16	PB1115L16
Capacity (kVA)		05			06		08	10	15
INPUT									
Voltage Range		160V~280V AC, Single Phase (3 Wire, L+N+PE)							
Frequency Range (Hz)		50Hz ±10%							
OUTPUT									
Power Factor		0.8 (Standard), 0.9 (Optional)							
Voltage (V)		220V / 230V / 240V ±1% (L+N+PE)							
Frequency (Hz)		50Hz ±0.1%							
Waveform		Pure Sine Wave							
THDv		≤1%							
Efficiency		93.0%							
Overload		110-125% for 10 Min, 125-150% for 60 Sec, >150% for 1 Sec.							
Isolation Transformer		Inbuilt Isolation Transformer							
BATTERY									
Battery Voltage		120V DC	192V DC (168V and 180V DC Optional)						
Charging Current (Max)		1A ~ 10A Standard (High Rating Optional)							
Charging Time		4-5 Hrs. to 95%							
SYSTEM FEATURES									
Display	LCD	Input and Output Voltage, Input and Output Frequency, Load & Battery %							
	LED	Mains, AC Mode, DC Mode, Low Battery and Overload							
Alarm		Battery Low Voltage, Abnormal Power Supply, UPS Failure, Overload							
Protection		Battery Low Voltage, Overload, Short Circuit and Over/Voltage							
ENVIRONMENT									
Temperature		Operating: 0~50°C*, Storage: -15°C ~ 60°C							
Humidity / Altitude		0~95% RH Non-condensing / <1500 M							
Noise		≤45dBA						≤50dBA	
STANDARD									
Quality		ISO 9001, ISO 14001, ISO 27001, ISO 45001, ISO 50001, BIS, RoHS							
Safety		IEC/EN62040-1							
EMC / Protection		IEC/EN62040-2; IEC/EN62040-3, Complying to CE							
PHYSICAL									
Dimension WxDxH (mm)		250x550x500		250x550x680	250x550x500	250x550x680	280x615x685		350x650x785
Weight (Kg)		54	51	98	52	99	73	76	104
COMMUNICATION INTERFACE									
Optional		SNMP / ModBus / Dry Contact / USB / RS-485 / RS-232							
Monitoring Software		NetAgent Utility v5.8 / View Power / UPSilon 2000 / Muser 4000							

*Conditions apply.

Specifications are subject to change without prior notice.

Best Power Equipments India Pvt. Ltd.

Corporate Office: G-240, Sector-63, Distt. Gautam Buddh Nagar, Noida-201307 UP

Registered Office: 812A, Shakuntala Building, 59, Nehru Place, New Delhi-110019

PH: +91 120 4637000-0029 | Mobile: +91 9311995859 | Email: crm@bpe.co.in

support@bpeeservices.com | Toll Free: 1800 103 1247 | Website: www.bpee.com