



- 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	PBi1105L10	PB1105L16	PB1105B16	PB1106L16	PB1106B16	PB1108L16	PB1110L16	PB1115L16
Capacity (KVA)	05			06		08	10	15
<b>INPUT</b>								
Voltage Range	160V~280V AC, Single Phase (3 Wire, L+N+PE)							
Frequency Range (Hz)	50Hz ±10%							
<b>OUTPUT</b>								
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	< 3% on Linear Load.							
Efficiency	Up to 93%							
Overload	≤125% for 10 Min, ≥125% for 60 Sec, 150% for 1 Sec.							
Isolation Transformer	Inbuilt Isolation Transformer							
<b>BATTERY</b>								
Battery Voltage	120V DC	192V DC (168V and 180V DC Optional)						
Charging Current (Max)	1A ~ 10A Standard (High Rating Optional)							
Charging Time	< 10 Hrs. to 95%							
<b>SYSTEM FEATURES</b>								
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							
<b>ENVIRONMENT</b>								
Temperature	Operating: 0~45°C, Storage: -10°C ~ 55°C							
Humidity / Altitude	0~95% RH Non-condensing / <1500 M							
Noise	Low Audible Noise Level							
<b>STANDARD</b>								
Quality	ISO 9000, ISO 14001, OHSAS 18001, ISO 27001, BIS, RoHS							
Safety	IEC/EN62040-1							
EMC / Protection	IEC/EN62040-2; IEC/EN62040-3, Complying to CE							
<b>PHYSICAL</b>								
Dimension WxDxH (mm)	250x550x500		250x550x680	250x550x500	250x550x680	280x615x685		350x650x785
Weight (Kg)	54	51	98	52	99	73	76	104
<b>COMMUNICATION INTERFACE</b>								
Optional	SNMP / ModBus / Dry Contact / USB / RS-485 / RS-232							
Monitoring Software	NetAgent Utility v5.8 / View Power / UPSilon 2000 / Muser 4000							

\*Specifications are subject to change without prior notice.

