

POWER BANK



PB Series

5KVA~15KVA

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 advantage 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 2-10Hrs

Main Features

- ➔ True On Line Double Conversion Design
- ➔ Output isolation transformer
- ➔ Wide Input Voltage Range
- ➔ User-friendly digital LCD display
- ➔ Cold Start Function
- ➔ High Crest Factor Circuit Design
- ➔ Advanced Battery Management



Rear Panel



Front LCD Display



Large Battery Backup

PB-Series

UPS 5KVA~15KVA

- 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.

specifications

Model / Specification		PB1105L16	PB1106L16	PB1108L16	PB1110L16	PB1115L16
Input	Rating	5KVA	6KVA	8KVA	10KVA	15KVA
	Voltage Range	165 ~ 285Vac, Single Phase (3 wire)				
	Frequency Range (Hz)	50Hz ± 10%				
	Battery Voltage (VDC)	192V (168V / 180V configurable)				
Output	Voltage	220V/230V/240V ± 1% (Selectable), 200V (Optional)				
	Frequency (Hz)/Crest Factor	50±0.1% / 3:1				
	Power Factor	0.7 Standard (0.8 & 0.9 Optional)				
	Overload Capacity	125% of rated load last for 60 second , 150% of rated load last for 1 second.				
	Output Distortion	THD<2 % (Linear load) and <4 % (Non Linear load).				
Other features	Display Panel	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				
	Alarms	Overload, AC input abnormal, Low battery.				
	Protections	Low battery, overload, over temperature, short circuit				
	Charger Capacity	2A - 10A Configurable				
	Efficiency	>90%				
	Operating Temperature	0~45° C				
	Relative Humidity	0~95% (Non-Condensing)				
	Noise (dB)	<50dB upto 1 mtr.			<65dB upto 1 mtr.	
	Dimension (mm)(WxDxH)	280x610x690			310x810x900	
	Weight (Kg)	59	63	69	77	85
	Optional	Static Bypass, RS232, SNMP compatibility				

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