



Online UPS 1Phase Out

PTKPB1105L16 5KVA UPS

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

Features:

- True Online double conversion design
- Output isolation transformer
- Wide Input voltage range
- User friendly digital LCD display
- Cold start function
- High crest factor circuit design
- Advance Battery Management



Rear Panel



Front LCD Display



Large Battery Backup

- Wide input frequency range ensure all types of fuel generation connected work stable.
- Optimization of high-performance battery.
- Advanced floating swtüh:ng and charg;ng technc'ogy man-nums the activation of the battery, thus saves the eparging tiroe and extends the battery life.
- Battery cold start funttion
- The UPS can be start dtrtxtly ty battery group when no utility access in which meets Emergent needs of user.
- Comprehensive and reliable pro:ectinn Self dagnncsis function before start-up. evoid the risks that the failure may lead to.
- The multi-protections such as overload. Short-circuit, over tempetrature. battery under voltage, battery over-charge and so on greatly ensurc the system Stability and reliability.
- Solar Compatibility (Optional)

▶ Technical Specifications

PTK PB1105L16 5K VA UPS

Voltage range (V)	165-270 @ 100% Load, Single Phase [3 wire]
Frequency range (Hz)	50Hz 10%
OUTPUT	
Power (VA)	5000
Power Factor	0.8(Standerd)
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 60sceond, 150% of rated load last for 1 second
Isolation Tranformer	inbuilt Isolation Transformer
BATTERY	120/192V
Battery Type	VRLA or SMF
Battery voltage	
Charger current (MAX)	1-1D Amp Standerd (Higher Rating optional)
Recharge Time	< 10hours to 95%
OTHER FEATURES	
Display	LCD display indicating (Input vottage, 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 suoply, UPS failure, Overload
Protection	Protection for battery Low voltage, overload, short circuit and over temprature
Noise (db)	dB (Imeter)
Efficiency	upto 90%
Communication Interface	RS232, 5NMP, Dry contact (optional)
Temperature & RH	0 ~ 40°C, 0- 95%, No condernsation
Dimension (WxDxH)mm	250x550x500
Weight (kg)	54 Kg
Specifications are subject to change without prior notice	

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