

Pure Sine Wave Line Interactive UPS

PE200N

1KVA-3KVA



Ideal applications

Home PC, SOHO, small scale exchange, supermarket POS machines, workstation and peripheral devices

Control Panel



- 1 Bypass
- 2 AC Input
- 3 AC Output
- 4 Battery (Green AC mode, Red Inv mode)
- 5 LCD

- Microprocessor-based Digital Control
- Wide Input Voltage and Frequency Range
- Pure Sine Wave Output Waveform
- Self detection of Input Frequency (50HZ/60HZ)
- Battery Self Diagnosis
- Full AVR
- Switch ON and OFF Automatically
- Humanized Audio Alarm
- Full Protection against Overload, Short Circuit etc.
- High Speed of In-phase transfer
- No Load Shut Off function In INV mode (optional)
- Intelligent Communication Ports Available (RS232/USB/SNMP)

◆ Rear Panel



- ① TEL/FAX (Optional)
- ② Output Sockets
- ③ RS232 / USB (Optional)
- ④ Input Switch
- ⑤ Fuse
- ⑥ Input
- ⑦ SNMP (Optional)
- ⑧ DC Input
- ⑨ Fan



Specifications

Model	PE210N	PE215N	PE220N	PE230N	PE210NH	PE220NH	PE230NH
VA Rating	1000VA	1500VA	2000VA	3000VA	1000VA	2000VA	3000VA
Real Power Rating	600W	900W	1200W	1800W	600W	1200W	1800W
Display							
Indicator on Panel	LED / LCD plus LED display						
AC Mode							
Types Of Load	Ancillary equipments such as PC, display, group computers and so on						
Input Voltage	165Vac ~ 280Vac / 145Vac~280Vac(optional) / 82Vac ~ 138Vac						
Input Frequency	45~65 Hz(transfer to battery mode if out of this range)						
Output voltage	190~245Vac / 95~123Vac						
Efficiency	≥96% (AC Mode)						
Overload in AC mode	110% transfer to bypass within 60sec; 120% transfer to bypass within 30sec; Automatically recovery if decrease the load capacity.						
Short Circuit	Protected by Input Fuse						
Inverter Mode							
Output Voltage	220Vac ± 5% / 110Vac ± 10%						
Output Frequency	50HZ/60HZ ± 1% self-detection						
Output P.F	≥0.6						
Output Waveform	Pure Sine Wave						
Waveform Distortion	Liner Load = 5%						
Battery Backup Time	≥10min (PC load)						
Transfer Time	Typical value 5ms, Max: 8ms						
Efficiency	≥80(INV Mode)						
Overload in INV mode	110% Shut down within 60sec; 120% Shut down within 5sec;						
Short Circuit	≥20ms System shut down automatically						
Alarm							
AC abnormal	Once every 4sec, be silent after 40s						
Battery low	Once every 0.2sec						
Overload	Once every 1sec						
Battery							
DC voltage	24V	24V	36V	48V	24V	48V	
Configuration	2X12V7AH	2X12V8AH	3X12V 8AH	4X12V 8AH	External Battery		
Charging current	1.2A(Max.)				12A(Max.)		
Recharge Time	90% Capacity after 8hours						
Communication	RS232/USB/SNMP Optional (can be set to turn on/off UPS automatically)						
Others							
Output Sockets	Customized upon request						
IP Level	IP20						
Ambient Temperature	0℃ ~ 40℃						
Ambient Humidity	10% ~ 90% (No Condensing)						
Noise	≤50dB (1m)						
Dimension (mm)	360x145x215		430x145x215	475x200x337	360x145x215		475X200X337
D*W*H	360x145x215		430x145x215	475x200x337	360x145x215		475X200X337
Packing Dimension(mm)	427x236x316		510x240x320	592x320x462	450x325x245		592X320X462
D*W*H	427x236x316		510x240x320	592x320x462	450x325x245		592X320X462
Net Weight (kg)	14.5	15.5	18.5	27.0	8.9	13.2	22.5
Gross Weight (kg)	15.5	16.5	19.5	28.6	9.6	13.9	23.2