

Porsoo

Electronic ind.

<<< PEC-NG Series

UPS (Uninterruptible Power Systems)

(ON-Line Double Conversion Technology & high frequency)

Single Phase In / Single Phase Out

Models: **PEC-NG1106**
PEC-NG1110

TRUE ON-LINE TECHNOLOGY PROVIDES ALL POWER PROTECTION

FULLY DIGITIZED MICROPROCESSOR CONTROLLED

WIDE INPUT VOLTAGE RANGE (110V-300V) AC

INCREASED OUTPUT POWER FACTOR (0.9)

INCREASED INPUT POWER FACTOR (≥ 0.99)

CONTROL PANEL WITH LCD

COLD START FUNCTION (DC POWER ON)

HIGH EFFICIENCY DESIGN

USB COMMUNICATION PORT

SNMP (OPTIONAL)

EPO (EMERGENCY POWER OFF)

EXTERNAL BATTERY CONNECTION FOR LONG BACKUP TIME

PROGRAMMABLE OUTPUT

PARALLEL REDUNDANCY N+X UP TO 3 UPSs



UPS PEC- NG SERIES SPECIFICATION

MODEL	PEC-NG1106	PEC- NG1110
Power Rating	6000VA/5400W	10000VA/9000W
AC INPUT		
Nominal Voltage	220VAC	
Voltage Range	300VAC (70% - 100% load), 140~300VAC (50% - 70% load), 110~300VAC (0-60% load~160)	
Frequency Range	Hz 46~54 or Hz 56~64	
Power Factor	0.99	
AC OUTPUT		
Voltage Range	220VAC± 1%	
Output Waveform	Pure Sine wave	
Power Factor	0.9	
Frequency (Synchronized Range)	50 or 60Hz	
Frequency Regulation (Battery Mode)	0.2% ±	
Crest Factor	3:1	
Total Harmonic Distortion	(Non Linear Load) <5% & (Linear Load)< 3%	
Overload	110% < Load < 150% for 30s Load >150% for 1s	
Transfer Time	Zero	
EFFICIENCY		
Efficiency	90%	
BATTERY		
Battery Type	Sealed Lead Acid Maintenance Free	
Batteries voltage	240V DC	
Recharge Time	8hours to 90%	
PROTECTION		
Protections	Overload, Short Circuit, High Temperature, Over Voltage, Over Current, Battery Guard	
BYPASS		
Before UPS Power-On	Default "NO". Change to "YES": via display panel	
Overload and UPS Failure	Automatically transfer to bypass	
By Setting Voltage Range	176V - 256V	
COMMUNICATION INTERFACE		
Display Panel	LCD:UPS status, I/P & O/P Voltage & Frequency, Load, Battery capacity Temperature, Model Spec., Event Log	
Smart RS-232	Software Support Windows 95/98/NT/2000/2003, Novell and Linux	
SNMP (Optional)	For Net Agent II (Option) with SNMP manager and Web browser	
AUDIBLE ALARM		
Battery Mode	Every 4 seconds sounding	
Low Battery	Every 1 second sounding	
Overload	Continuously Sounding	
Fault	Continuously Sounding	
PHYSICAL SPECIFICATION		
DIMENSION (DxWxH)IT	592x250x576mm	
WEIGHT	25kg	27kg
ENVIRONMENT		
Operating Environment	0-40° C	
Storage Temperature	-25°C to 55°C	
Relative Humidity	(Non-Condensing) 0-95%	
Noise Level	55dB @ 1 Meter	< 58dB @ 1 Meter
Altitude	<1500 m	
Standard protection class	IP 20	

* Internal Battery (Optional)



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