

Specification Table

UPS Series

Model	PEC-NG3340	PEC-NG3360	PEC-NG3380	PEC-NG33100
Power Rating	40KVA/36KW	60KVA/54KW	80KVA/72KW	100KVA/90KW
Input				
Nominal voltage	3×400 VAC (3Ph+N)			
Voltage range	190-250 VAC (3-Phase) @ 50% load; 305-478 VAC (3-Phase) @ 100% load		208-478 VAC (3-Phase) @ 70% load; 305-478 VAC (3-Phase) @ 100% load	
Frequency Range	46~54 Hz or 56~64 Hz		40~70 Hz	
Power Factor	≥0.99			
Output				
Voltage Range	3×360/380/400/415 VAC (3Ph+N)		3×380/400/415 VAC (3Ph+N)	
Output Waveform	Pure Sine Wave			
Power Factor	0.9			
Frequency (Synchronized Range)	46~54 Hz or 56~64 Hz			
Frequency regulation (Battery Mode)	± 0.1%			
Crest Factor	3:1 (Max)			
Total Harmonic Distortion	≤ 2% THD (Linear Load); ≤ 4% THD (Non-Linear Load)			
Overload	100-110% : 10 min, 110-130% : 1 min		100-110% : 1 hr, 110-125% : 10 min	
	>130% : 1 sec		125-150% : 1 min	
Transfer Time	AC Mode to Batt. Mode	Zero		
	Invertor to Bypass			
Efficiency				
AC Mode	94.0%		94.0%	
ECO Mode	97.0%		98.0%	
Battery Mode	93.5%		93.0%	
Battery				
Standard Mode	Battery Type	12 V / 7 Ah		N/A
	Numbers	(16+16) pcs * 2 strings		
	Typical Recharge Time	9 hours recover to 90% capacity		
	Charging Current (max)	2 A		
	Charging Voltage	+/-218 VDC		
Long-run Mode	Battery Type	Depending on the capacity of external batteries		
	Numbers	32-40 pcs (adjustable)		
	Charging Current (max)	4 A	8 A	24 A
	Charging Voltage	+/-13.65 V * N (N=16-20)		+/-13.7 V * N (N=16-20)
Protection				
Protections	Overload, Short Circuit, High Temperature, Over Voltage, Over Current, Battery Guard			
Communication Interface				
LCD Display Panel	UPS status, I/P & O/P Voltage & Frequency, Load, Battery capacity, Temperature, Model Spec, Event Log		10" Touch Type color LCD	
Smart RS-232	Software Support Windows 95/98/NT/2000/2003/7/8/10, Linux and MAC			
SNMP (Optional)	For Net Agent II (Option) with SNMP manager and web browser			
Audible Alarm				
Battery Mode	Every 4 seconds sounding		Every 2 second sounding	
Low Battery	Every second sounding		Every 0.5 second sounding	
Overload	Twice Every second sounding		Every second sounding	
Fault	Continuously sounding		Continuously sounding	
Physical Specification				
Standard Model	Dimension (WxHxD)	300*1000*815 mm		N/A
	Weight	250 Kg		
Long-run Model	Dimension (WxHxD)	300*1000*815 mm	360*1010*790 mm	567*1015*940 mm
	Weight	61 Kg	108 Kg	113 Kg
Environment				
Operating Environment	0-40°C			
Relative Humidity	< 95% (Non-Condensing)			
Noise Level	< 70dB @ 1 Meter		< 75dB @ 1 Meter	< 70dB @ 1 Meter

