



- True double-conversion
 - Microprocessor control optimizes reliability
 - Input power factor correction
 - Output power factor 0.8
 - Wide input voltage (110 V – 300 V)
 - Converter mode available
 - ECO mode for energy saving (Only available for 1-3KVA)
 - Generator compatible
 - Adjustable battery number only available for 6K and up models
 - Smart SNMP works well with either USB or RS-232 together
 - Emergency power off function (EPO) only available for 6K/10K models
 - Optional isolation transformer available.
- (Please check sales directly)

XP SERIES Online UPS Selection Guide

MODEL		SE1000 1K (L)		SE2000 2K (L)		SE3000 3K (L)		SE6000 6K (L)		SE10000 10K (L)	
PHASE		Single phase with ground									
CAPACITY*		1000 VA		2000 VA		3000 VA		6000VA		10000 VA	
INPUT											
Nominal Voltage		200/208/220/230/240VAC						208/220/230/240VAC			
Input Voltage Range		55-150 VAC or 110-300 VAC (Based on load at 50%) 85-140VAC or 160-280VAC (Based on load at 100%)						110-300 VAC (Based on load at 50%) 176-300 VAC (Based on load at 100%)			
Frequency Range		40 Hz ~ 70 Hz						46-54 Hz or 56-64 Hz			
Power Factor		≥ 0.99 @ Nominal Voltage (100% load)									
OUTPUT											
Output Voltage		200/208/220/230/240VAC						208/220/230/240VAC			
Voltage Regulation		± 1 %									
Frequency Range (Synchronized Range)		47~ 53 Hz or 57 ~ 63 Hz						46-54 Hz or 56-64 Hz			
Frequency Range (Batt. Mode)		50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz						50 Hz or 60Hz ± 0.1 Hz			
Current Crest Ratio		3:1									
Harmonic Distortion		≤ 3 % THD (Linear Load) ≤ 6 % THD (Non-linear Load)						≤ 3 % THD (Linear Load) ≤ 5 % THD (Non-linear Load)			
Transfer Time	AC Mode to Battery Mode	Zero									
	Inverter to Bypass	4 ms (Typical)						Zero			
Waveform (Batt. Mode)		Pure Sinewave									
EFFICIENCY											
AC Mode		88%		88%		90%		92%		93%	
Battery Mode		83%		87%		88%		90%		91%	
BATTERY											
Standard Model	Battery Type	12 V / 9 Ah		12 V / 9 Ah		12 V / 9 Ah		12 V / 9 Ah			
	Numbers	2		4		6		16		20	
	Typical Recharge Time	4 hours recover to 90% capacity						9 hours recover to 90% capacity			
	Charging Current (max.)	1 A						1 A / 2 A			
Long-run Model **	Battery Type	Depending on the capacity of external batteries									
	Numbers	2		3		4		6		8	
	Charging Current (max.)	1A/2A/4A/6A (Adjustable)						1A/2A/4A/6A (Adjustable, 6A is only available for 16pcs batteries)			
	Charging Voltage	27.4VDC ± 1%	41.0VDC ± 1%	54.7VDC ± 1%	82.1VDC ± 1%	109.4VDC ± 1%	82.1 VDC ± 1%	109.4VDC ± 1%	273 VDC ± 1% (Based on 20pcs batteries)		
INDICATORS											
LCD		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators									
ALARM											
Battery Mode		Sounding every 4 seconds									
Low Battery		Sounding every second									
Overload		Sounding twice every second									
Fault		Continuously sounding									
PHYSICAL											
Standard Model	Dimension, D x W x H (mm)	282 x 145 x 220		397 x 145 x 220		421 x 190 x 318		369 x 190 x 688		442 x 190 x 688	
	Net Weight (kgs)	9.8		17		27.6		61		76	
Long-run Model **	Dimension, D x W x H (mm)	282 x 145 x 220		397 x 145 x 220		421 x 190 x 318		369 x 190 x 318		442 x 190 x 318	
	Net Weight (kgs)	4.1		6.8		7.4		12		16	
ENVIRONMENT											
Humidity		20-90 % RH @ 0- 40°C (Non-condensing)						0-95% RH @ 0-50°C (non-condensing)		0-95% RH @ 0-40°C (non-condensing)	
Noise Level		Less than 50dB @ 1 Meter						Less than 55dB @ 1 Meter		Less than 58dB @ 1 Meter	
MANAGEMENT											
Smart RS-232 / USB		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux and MAC									
Optional SNMP		Power management from SNMP manager and web browser									