

EX1030PT



- True double-conversion
- Galvanic isolation design offers full isolation and complete common mode noise rejection
- Wide input voltage range (110-300VAC)
- Input power factor correction 0.98
- 50 / 60Hz Frequency Converter Mode
- ECO mode for energy saving
- Generator compatible
- Mini slot for USB / RS-232 / AS400 / SNMP communication
- Smart battery charger design for optimized battery performance

Online UPS Selection Guide

MODEL		EX1030PT 1KVA		EX1030PT 2KVA		EX1030PT 3KVA	
PHASE		Single phase with ground					
CAPACITY		1000 VA / 800 W		2000 VA / 1600 W		3000 VA / 2400 W	
INPUT							
Nominal Voltage		200/208/220/230/240 VAC					
Voltage Range		110-300 VAC ± 5 %					
Frequency Range		40 ~ 70 Hz (Auto sensing)					
Power Factor		≥ 0.98 @ Nominal Voltage (100% load)					
OUTPUT							
Output Voltage		200/208/220/230/240 VAC					
AC Voltage Regulation (Batt. Mode)		± 2%					
Frequency Range (Synchronized Range)		47~ 53 Hz or 57 ~ 63 Hz					
Frequency Range (Batt. Mode)		50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz					
Current Crest Ratio		3:1					
Harmonic Distortion		≤ 3 % THD (Linear Load) ; ≤ 7 % THD (Non-linear Load)					
Transfer Time	AC Mode to Batt. Mode	Zero					
	Inverter to Bypass	4 ms (Typical)					
Waveform (Batt. Mode)		Pure Sinewave					
EFFICIENCY							
AC Mode (@100% RCD load)		75% - 77%		78% - 81%		80% - 81%	
Battery Mode(@100% RCD load)		73%		79%		76%	
BATTERY							
Standard Model	Battery Type	12V / 9Ah		12V / 7Ah		12V / 9Ah	
	Battery Numbers	2		3		6	
	Charging Current (max.)	1.0 A					
	Charging Voltage	27.4 VDC ± 1%		41.0 VDC ± 1%		82.1 VDC ±1%	
Long-run Model	Battery Numbers	Depending on the capacity of external batteries					
	Charging Current (max.)	1A / 2A / 4A / 8A				1A / 2A / 4A / 8 A	
	Charging Voltage	27.4 VDC ± 1%		41.0 VDC ± 1%		82.1 VDC ±1%	
INDICATORS							
LCD Panel		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions					
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)	397 x 145 x 332		397 x 145 x 332		426 x 190 x 448	
	Net Weight (kgs)	20.3 23		33.4 55		56	
Long-run Model	Dimension, D x W x H(mm)	397 x 145 x 332		397 x 145 x 332		426 x 190 x 448	
	Net Weight (kgs)	16.9		22.9 39		40.7	
ENVIRONMENT							
Operation Humidity		20-90 % RH @ 0- 40°C (Non-condensing)					
Noise Level		Less than 50dB @ 1 Meter					
MANAGEMENT							
Communication		RS232 Card / Optional USB Card, SNMP Card, or AS400 Card available					
		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, and MAC					
Optional SNMP		Power management from SNMP manager and web browser					