PS-POU1K#2B9A

Features:

>> Output power factor 0.8
>> True double-conversion
>> Microprocessor control optimizes reliability
>> Wide input voltage (110 V– 300 V)
>> 50/60Hz Frequency Converter Mode
>> ECO mode energy saving
>> Smart SNMP works well with either USB or RS-232 together

THE CROWN OF POWER SOLUTION

220mm

282mm

145mm

Applications

FINANCE   HOME   OFFICE   MEDICAL   COMPANY

POWER SOLID

THE CROWN OF POWER SOLUTION

Technical Specifications

Model	PS-POU1K#2B9A	
Input		
Capacity (VA/Watt)	1000VA / 800W	
Voltage Range	Low Line Transfer	160VAC/140VAC/120VAC/110VAC ± 5% (Ambient Temp.<35°C) I based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)
	Low Line Comeback	175VAC/155VAC/135VAC/125VAC ± 5 % (Ambient Temp.<35°C) I based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)
	High Line Transfer	300 VAC ±5 %
	High Line Comeback	290 VACS ± 5 %
Frequency Range		40Hz - 70 Hz
Phase		Single phase neutral and ground
Power Factor		≥0.99 @ nominal voltage (input voltage)
Output		
Output Voltage		200 /208 I 220 /230 I 240 VAC (Derate capacity to 80% of capacity in frequency converter mode or when the output voltage is adjusted to 200/208VAC)
AC Voltage Regulation		±1%
Frequency Range		47 ~ 53 Hz or 57 ~ 63 Hz (Synchronized Range)
Frequency Range (Batt. Mode)		50 Hz± 0.25 Hz or 60Hz ± 0.3 Hz
Overload		Ambient Temp.<35°C (105%~110%: UPS shuts down after 10 minutes at battery mode or transfer to bypass when the utility is normal. Overload 110%~130%: UPS shuts down after 1 minute at battery mode or transfer to bypass when the utility is normal > 130%: UPS shuts down after 3 seconds at batter mode or transfer to bypass when the utility is normal
Current Crest Ratio		3:1
Harmonic Distortion		≤3 % THD (linear load); ≤ 6 % THD (non-linear load)
Transfer Time	AC to Battery	Zero
	Inverter to Bypass	4ms (Typical)
Waveform		Pure Sinewave
Power Factor		0.8
Efficiency		
AC Mode		88%
Battery Mode		83%
Battery		
Battery Type		12 V /9AH
Numbers		2
Recharge Time		4 hours recover to 90% capacity (Typical)
Charging Current		1.0A (max.)
Charging Voltage		27.4 VDC ± 1%
Physical		
Dimension, D x W x H		282 x 145 x 220 (mm)
Net Weight (kgs)		9.8
Environment		
Operation Humidity		20-90%RH @ 0-40°C (non-condensing)
Noise level (dB)		less than 50 dBA@ 1 Meter
Management		
Smart RS-232 or USB		Supports Windows• 2000/2003/XP/Vista/2008/7/8/10/11, Linux, Unix and MAC
Optional SNMP		Power management from SNMP manager and web browser