PS-POU2K#4B9A

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 OF POWER SOLUTION

220mm

397mm

145mm

Applications

 FINANCE   HOME   OFFICE   MEDICAL   COMPANY

POWER SOLID

THE CROWN OF POWER SOLUTION

Technical Specifications

Model	PS-POU2K#4B9A
Capacity (VA / Watt)	2000 VA / 1600Watt

Input		
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 VAC ± 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	89%
Battery Mode	87%

Battery	
Battery Type	12 V /9AH
Numbers	4
Recharge Time	4 hours recover to 90% capacity (Typical)
Charging Current	1.0A (max.)
Charging Voltage	54.7V DC±1%

Physical	
Dimension, D x W x H	397 x 145 x 220 (mm)
Net Weight (kgs)	17

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