

PS-POU1K#2B9KR

Features:

- >> Wide input voltage range:110~300Vac
- >> Input power factor 1.0 with PFC
- >> Selectable output voltage: 208/220/230/240Vac
- >> Emergency power off function (EPO)
- >> ECO mode operation for energy saving
- >> Intelligent fan speed regulation
- >> Multiple communication interface:RS232 (USB/EPO/Relay card /SNMP card optional)
- >> Multiple protection function:short-circuit,overload,overheat, battery overcharge and overdischarge,output low voltage and fan fault alarm



Applications

**FINANCE****Telecom****MEDICAL****DATA CENTER**

Technical Specifications

MODEL		PS-POU1K#2B9KR
Capacity		1000VA / 1000W
INPUT		
Nominal voltage		208/220/230/240Vac
Input voltage range		110~300Vac (176~280Vac @ 100% load)
Power factor		1.0
FREQUENCY		
Frequency range		40~70Hz (50/60Hz Auto-Sensing)
OUTPUT		
Output voltage		208/220/230/240Vac
Voltage regulation		± 1%
Power factor		1.0
Output frequency	Line mode	46~54Hz or 56~64Hz
	Bat. mode	(50/60 ± 0.1%)Hz
Crest factor		3:1
Harmonic distortion (THDv)		≤3% Linear load
		≤5% Non linear load
Transfer time	AC mode to Bat.mode	0ms
	Inverter to Bypass	4ms (Typical)
Output waveform		Pure Sinewave
EFFICIENCY		
AC mode		88%
Battery mode		85%
BATTERY		
Battery number		2 3
Capacity (Standard unit)		9Ah/12V (7Ah/12V optional)
Typical recharging time		4 hours (to 90% of full capacity)
Charging voltage		27.4Vdc ± 1% 41.1Vdc ± 1%
Charging current (Max.)		1A
INDICATORS		
LED display		Line mode, Bat. mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault
LCD display		Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time
ALARM		
Battery mode		Beeping every 4 seconds
Battery low		Beeping every second
Overload		Beeping twice every second
Fault		Continuously beeping
PHYSICAL		
Dimension W x D x H (mm)		144 x 399 x 209
Net weight (kg)		12.5
ENVIRONMENT		
Operating temperature		0°C ~ 40°C
Storage temperature		-25°C ~ 55°C
Humidity range		20~95%RH @ 0~40°C (Non condensing)
Altitude		<1500m, derating required when >1500m
Noise level		<50dB at 1 Meter