

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	Line mode	46~54Hz or 56~64Hz	
frequency	Bat. mode	(50/60 ± 0.1%)Hz	
Crest factor		3:1	
		≤3% Linear load	
Harmonic distortion (THDv)		≤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 293 x 209	
Net weight (kg)		12.5	
ENVIRONMENT			
Operating temperature		0℃~40℃	
Storage temperature		-25℃~55℃	
Humidity range		20~95%RH @ 0~40℃ (Non condensing)	
Altitude		<1500m,derating required when>1500m	
Noise level		<50dB at 1 Meter	