

## PS-POU1KR#2B9KR

### Features:



- >> Wide input voltage range: 110~300Vac
- >> Input power factor 0.99 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-POU1KR#2B9KR
Capacity		1000VA / 1000W
<b>INPUT</b>		
Nominal voltage		208/220/230/240Vac
Input voltage range		110~300Vac (176~280Vac @ 100% load)
Power factor		0.99
<b>FREQUENCY</b>		
Frequency range		40~70Hz (50/60Hz Auto-Sensing)
<b>OUTPUT</b>		
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
<b>EFFICIENCY</b>		
AC mode		89%
Battery mode		85%
<b>BATTERY</b>		
Battery number		2
Capacity (Standard unit)		9Ah/12V
Typical recharging time		4 hours (to 90% of full capacity)
Charging current (Max.)		1A
<b>INDICATORS</b>		
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
<b>ALARM</b>		
Battery mode		Beeping every 4 seconds
Battery low		Beeping every second
Overload		Beeping twice every second
Fault		Continously beeping
<b>PHYSICAL</b>		
Dimension W x D x H (mm)		440 X 460 X 86.5
Net weight (kg)		14
<b>ENVIRONMENT</b>		
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