

POWER SOLID **ONLINE RT UPS**

PS-POU1KR#2B9KR

1 **KVA**

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
INPUT		
Nominal voltage		208/220/230/240Vac
Input voltage range		110~300Vac (176~280Vac @ 100% load)
Power factor		0.99
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		89%
Battery mode		85%
BATTERY		
Battery number		2
Capacity (Standard unit)		9Ah/12V
Typical recharging time		4 hours (to 90% of full capacity)
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)		440 X 460 X 86.5
Net weight (kg)		14
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