

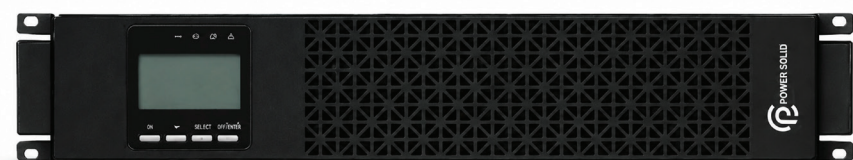
POWER SOLID ONLINE UPS

PS-POU2KR#4B9KR

2 KVA

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



(optional socket)

Applications



FINANCE



Telecom



MEDICAL



DATA CENTER

Technical Specifications

MODEL	PS-POU2KR#4B9KR	
Capacity	2000VA / 2000W	
INPUT		
Nominal voltage	208/220/230/240Vac	
Input voltage range	110~300Vac (176~264Vac @ 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	91%	
Battery mode	87%	
BATTERY		
Battery number	4	
Capacity (Standard unit)	9Ah/12V (7Ah/12V Optional)	
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)	25	
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	