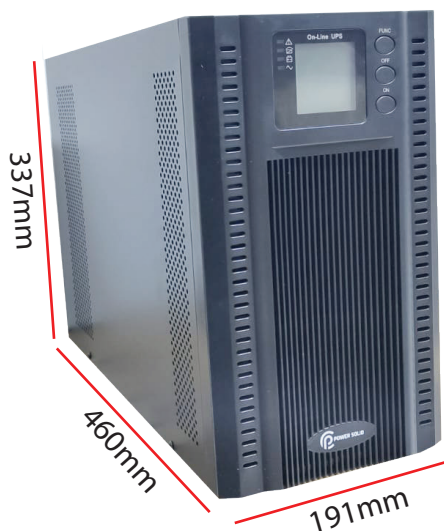


PS-POU2K#4B9KR

Features:

- >> High power density
- >> Online double conversion with full digital control
- >> Smart charger design for optimized battery performance
- >> ECO mode operation for energy saving
- >> Versatile LCD human-computer interface
- >> Multiple communication interface: RS232 (USB/EPO/Relay card /SNMP card optional)



Applications



FINANCE



Telecom



MEDICAL



DATA CENTER

Technical Specifications

MODEL		PS-POU2K#4B9KR	
Capacity		2000VA / 1800W	
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		0.9	
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		90%	
Battery mode		87%	
BATTERY			
Battery number		4	6
Capacity (Standard unit)		9Ah/12V (7Ah/12V optional)	
Typical recharging time		4 hours (to 90% of full capacity)	
Charging voltage		54.8Vdc±1% 82.2Vdc±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		Continously beeping	
PHYSICAL			
Dimension W x D x H (mm)		191 x 460 x 337	
Net weight (kg)		19.5	24.5
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	
STANDARDS			
Safety		IEC/EN62040-1,IEC/EN62477-1	
EMC		IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8	

Specifications are subject to change without prior notice.

When output voltage is 208Vac,need to derate to 80% of the unit capacity.