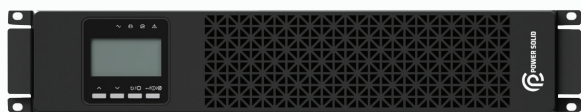


## PS-POU2KR#4B9KR

### 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

|                            |                                                                                                                                                 |                    |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| <b>MODEL</b>               | <b>PS-POU2KR#4B9KR</b>                                                                                                                          |                    |
| Capacity                   | 2000VA / 2000W                                                                                                                                  |                    |
| <b>INPUT</b>               |                                                                                                                                                 |                    |
| Nominal voltage            | 208/220/230/240Vac                                                                                                                              |                    |
| Input voltage range        | 110~300Vac (176~264Vac @ 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                    | 91%                                                                                                                                             |                    |
| Battery mode               | 87%                                                                                                                                             |                    |
| <b>BATTERY</b>             |                                                                                                                                                 |                    |
| 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                                                                                                                                              |                    |
| <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)            | 25                                                                                                                                              |                    |
| <b>ENVIRONMENT</b>         |                                                                                                                                                 |                    |
| 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                                                                                                                                |                    |