

POWER SOLID **ONLINE UPS**

PS-POU3KD#8B9K

3 **KVA**

Features

- ▶ Compatible with (220 & 110)V Devices
- ▶ Online Double Conversion
- ▶ 0 (Zero) Transfer Time
- ▶ Ideal Robustness for Heavy Loads
- ▶ Inverter With IGBT Technology
- ▶ Cold Start Function (Cold Start From Batteries)
- ▶ Ups Monitoring Software
- ▶ Automatic Electronic Bypass
- ▶ Automatic Protection Cut-off at the Entrance
- ▶ Isolation Transformer at the Output



Technical Specifications

MODEL	PS-POU3KD#8B9K
Capacity (VA / Watt)	3000VA / 2400W
INPUT	
Voltage	220, 230, 240 VAC
Accepted Voltage Range	+ 25% (165 - 300)
Phases	2 Phase (2 wires + ground)
Frequency (Hz)	60 $\pm$ 10 % (optional 50 $\pm$ 10 %)
Input Power Factor	0.90 empty > 0.95 at full load
OUTPUT	
Power Factor	0.8
Voltage (VAC)	120 - 208 - 220 - 240
Voltage Regulation Range	+ 1%
Phases	2 phases (3 wires + ground)
Frequency (Hz)	60 $\pm$ 0.2% (optional 50 $\pm$ 0.2%)
Wave Form	THD Pure sinusoidal wave $\leq$ 3% (linear load)
Transference Time (ms)	0.0 (on line)
Overload	125% of nominal load for 60 s; 150% for 1s
Battery Bank	
Voltage	96VDC
Battery Type	Lead acid (sealed and maintenance free)
Full Load Battery Backup Time (min)	5
Charging Current (A)	1
Battery Bank	Internal
Physical & Mechanical	
Audible Noise (dB)	< 65, at 1 meter
MTBF (h)	100,000
Operational Temperature (°C)	0~40
Relative Humidity	0 ~ 95% without condensation
Maximum Operating Altitude (mamsl)	2,000 at 100% & 3,000 at 98%
Cabinet	Steel with electrostatic baked epoxy paint
Dimensions, height x width x depth (mm)	200 x 670 x 350
UPS Weight (kg)	46
Technology	
Conversion Type	On line double conversion (online)
Rectifier	H bridge PFC rectifier
Inverter Commutation Elements	PWM technology with IGBT con muted at 9000 Hz
Inverter Configuration	Pulse width modulated (PWM)
Inverter Type	H bridge
Battery Status	Real time online and discharge data with 3% precision
Thermal Dissipation (KBTU/h)	0.9
Internal Bypass	Static
Certifications	UL, 1778, CE-IEC 62040 - 1, ISO 9001:2015, NOM
Communication Interface	RS232 (SNMP network card, optional ethernet)
Monochromatic LCD Screen	Backlight: input/output voltage, load capacity, battery voltage, operating status
Alarm	Overload, abnormal alternate current on the input
Protections	
Overload Protection	Thermomagnetic switch