

POWER SOLID **ONLINE UPS**

PS-POU10K31#20BC9A

10 **KVA**

Features

- ▶ True double-conversion
- ▶ DSP technology guarantees high performance
- ▶ Output power factor 0.9
- ▶ Wide input voltage range (110-300 VAC)
- ▶ Active power factor correction in all phases
- ▶ Built-in phase auto adapt function simplifies wire installation
- ▶ 50Hz/60Hz frequency converter mode
- ▶ ECO mode operation for energy saving
- ▶ Emergency power off function (EPO)
- ▶ Maintenance bypass available
- ▶ Optional N+X parallel redundancy



Technical Specifications

Model		PS-POU10K31#20BC9A	
Phase		Three-Phase in / Single-Phase out	
Capacity (KVA)		10000VA / 9000W	
INPUT			
Nominal Voltage		3 x 400 VAC (3Ph+N)	
Voltage Range		190-520 VAC (3-phase) @ 50% load: 305-478 VAC (3-phase) @ 100% load	
Frequency Range		46-54Hzor 56-64Hz	
Power Factor		0.99@ 100% Load	
THDi		< 6%@ 100% load	
OUTPUT			
Output Voltage		208/220/230/240 VAC	
AC Voltage Regulation (Batt. Mode)		±1%	
Frequency Range		46 ~ 54 Hz or 56 ~ 64Hz	
Frequency Range (Batt. Mode)		50 Hz± 0.1 Hz or 60Hz± 0.1 Hz	
Current Crest Ratio		3:1 (max.)	
Harmonic Distortion		≤2 % THO (Linear Load ≤5 % THD (Non-linear Load)	
Transfer Time	AC to Battery	Zero	
	Inverter to Bypass	Zero	
	Wave Form	Pure Sine Wave	
EFFICIENCY			
AC Mode		91.5%	
Battery Mode		97%	
ECO Mode		87%	
BATTERY			
Battery Type		Lead Acid	
Numbers		20 external	
Typical Recharge Time		9 Hours recover to 90% capacity	
Charging Current		4A	
Charging Voltage		273 VDC ± 1 % (Based on 20pcs batteries)	
INDICATORS & ALARM			
LCD Display		UPS Status, Load Level, Battery Level, Input/Output Voltage, Discharge Timer, and Fault conditions	
Battery Mode		Sounding every 4 seconds	
Low Battery		Sounding every second	
Over Load		Sounding twice every second	
Fault		Continuously sounding	
PHYSICAL			
Dimension, D × W × H (mm)		592 X 250 X 576	
Net Weight (kgs)		83	
ENVIRONMENT			
Humidity		0-95% RH @0-40°C (non-condensing)	
Noise Level (dB)		>60dB @ Meter	
Management			
Relative Humidity		Support Windows® 2000/2003/XP/Vista/2008. Windows® 7/8/10/11 Linux, Unix, and MAC	
Altitude(m)		Optional management from SNMP manager and web browser	