

PS-POU30K31#20BC9A

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



Applications



FINANCE



MEDICAL



DATA CENTER



INDUSTRIAL

General Features

Model	PS-POU30K31#20BC9A	
Phase	Three-Phase in / Single-Phase out	
Capacity (VA / Watt)	30000VA / 27000W	
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- 54Hz or 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	92%	
Battery Mode	97%	
ECO Mode	89%	
Battery		
Battery Type	Lead Acid	
Numbers	20	
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 x W x H(mm)	815 X 300 X 1000	
Net Weight (kgs)	234	
Environment		
Humidity	0-95% RH @0-40°C (non-condensing)	
Noise Level (dB)	>60dB @ Meter	
Management		
Smart RS-232 / USB	Support Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10/11 Linux, Unix, and MAC	
Optional SNMP	Power management from SNMP manager and web browser	