

POWER SOLID ONLINE UPS

PS-POU30K31#20BC9A

30 KVA

Features

- ▶ True double-conversion
- ▶ DSP technology guarantees high performance
- ▶ Output power factor 0.9
- ▶ Wide input voltage range (300-110 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



Technical Specifications

Model		PS-POU30K31#20BC9A
Phase		Three-Phase in / Single-Phase out
Capacity (VA/Watt)		30000VA / 27000W
Input		
Nominal Voltage		3 × 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 % THD (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 @ 1 Meter
Management		
Smart RS-232 or USB		Supports Windows• 2000/2003/XP/Vista/2008/7/8/10/11, Linux, Unix and MAC
Optional SNMP		Power management from SNMP manager and web browser