

PS-POU20K33#32B9A

Features:

- >> Output power factor 1.0
- >> True double conversion
- >> DSP technology guarantees high reliability
- >> Active power factor correction in all phases
- >> Maintenance bypass available
- >> Smart battery charger design to optimize battery performance
- >> 50Hz/60Hz frequency converter mode
- >> ECO mode operation for energy saving
- >> Emergency power off function (EPO)
- >> Parallel operation



Applications



General Features

Model	PS-POU20K33#32B9A	
Capacity (kVA)	20 kVA	
Capacity (kW)	20 kW	
Parallel Capacity	6	
Input		
Nominal Voltage	3 x 380/400/415 VAC (3Ph+N)	
Voltage Range	-30% & +20%	
Frequency Range	40~70Hz	
Power Factor	0.99@ 100% Load	
Harmonic Distortion	≤ 3%@ 100% load	
Output		
Output Voltage	3 x 360*/380/400/415 VAC (3Ph+N)	
AC Voltage Regulation	±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	≤1 % THD (Linear Load ≤3 % THD (Non-linear Load))	
Transfer Time	AC to Battery	Zero
	Inverter to Bypass	Zero
Wave Form	Pure Sine Wave	
Overload, AC Mode	60 min. for 100%-110%, 10 min. for 110%-125%, 1 min. for 125%-150%, 400 msec. for 150%	
Efficiency		
AC Mode	96.0%	
Battery Mode	99.0%	
ECO Mode	96.0%	
Battery		
Battery Type	12V / 9AH	
Numbers	32 pcs	
Typical Recharge Time	9 Hours recover to 90% capacity	
Charging Current	1A~12A Adjustable	
Charging Voltage	+/-218 VDC ± 10%	
Indicators		
LCD Display	UPS Status, Load Level, Battery Level, Input/Output Voltage, Discharge Timer, and Fault conditions	
Physical		
Dimension, D x W x H(mm)	626 x 250 x750	
Net Weight (kgs)	139	
Environment		
Operation Temperature	0-40°C	
Operation Humidity	< 95% and non-condensing	
Noise Level (dB)	>60dB @ 1 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	