

POWER SOLID ONLINE UPS

PS-POU10K33#16B9A

10 KVA



Features

- ▶ Output power factor 0.9
- ▶ 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
- ▶ Adjustable battery design (32~40 pcs.)
- ▶ ECO mode operation for energy saving
- ▶ Emergency power off function (EPO)
- ▶ Parallel operation

APPLICATIONS



FINANCE



TELECOM



MEDICAL



DATA CENTER

Technical Specifications

MODEL		PS-POU10K33#16B9A
Capacity (KVA)		10 kVA
Capacity (KW)		9 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 380/400/415 VAC
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		90.5%
Battery Mode		96.0%
ECO Mode		87.0%
BATTERY		
Battery Type		12V / 9AH
Numbers		16 pcs
Typical Recharge Time		9 Hours recover to 90% capacity
Charging Current		1A
Charging Voltage		218.4 VDC ± 1%
INDICATORS		
LCD Display		UPS Status, Load Level, Battery Level, Input/Output Voltage, Discharge Timer, and Fault conditions
Physical		
Dimension (W×D×H) (mm)		592 X 250 X 876
Net Weight (kgs)		96
Environment		
Operation Temperature		0-40°C
Operation Humidity		< 95% and non-condensing
Noise Level (dB)		≤60dB @ 1 Meter
Management		
USB / 232-Smart RS		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