PS-P0U10K#16B9A

Features:

>> True double conversion wide input voltage (110 - 300V)
>> Smart fan-speed control design
>> Eco mode energy saving
>> Optional powerful charger for battery backup extension
>> Adjustable battery number
>> Common battery for parallel operation

THE CROWN OF POWER OF POWER SOLUTION

688mm

442mm

190mm

Applications

FINANCE **Telecom** **MEDICAL** **INDUSTRIAL**

POWER SOLID

Technical Specifications

THE CROWN OF POWER SOLUTION

Model	PS-POU10K#16B9A
Capacity (VA / Watt)	10000VA / 8000W

Input		
Voltage Range	Low Line Transfer	110VAC ±3% at 50% Load; 176 VAC±3% at 100%Load
	Low Line Comeback	Low Line Loss Voltage + 10V
	High Line Transfer	300 VAC ±3%
	High Line Comeback	High Line Loss Voltage – 10V
Frequency Range		46Hz~54Hz @50Hz system / 56Hz~64Hz@60Hz system
Phase		Single phase neutral and ground
Power Factor		≥ 0.99 @ 100%Load

Output		
Output Voltage		208 / 220 / 230 / 240 VAC (Derate capacity to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208VAC)
AC Voltage Regulation		±1%
Frequency Range		46Hz~54Hz @50Hz system / 56Hz~64Hz@60Hz system
Frequency Range (Batt. Model		50 Hz± 0.1Hz or 60Hz ± 0.1Hz
Overload	AC mode	100% ~ 110%: 30min; 110% ~ 130: 5min; > 130%: 10sec
	Battery mode	100% ~ 110%: 3min; 110% ~ 130: 30sec; > 130%: 10sec
Current Crest Ratio		3:1 Max
Harmonic Distortion		≤ 3 % THD (linear load); ≤ 5 % THD (non-linear load)
Transfer Time	AC to Battery	Zero
	Inverter to bypass	Zero
Waveform		Pure Sinewave
Power Factor		0.8

Efficiency	
AC Mode	93%
Battery Mode	91%

Battery	
Battery Type	12 V /9AH x 16
Numbers	16
Recharge Time	9 hours recover to 90% capacity
Charging Current	Default: 1±10% Max: 1A , 2A (Adjustable)
Charging Voltage	218.4VDC±1%

Physical	
Dimension, D x W x H	442 x190 x 688(mm)
Net Weight (kgs)	66

Environment	
Operation Humidity	<95% and non-condensing
Noise level (dB)	less than 55 dBA@ 1 Meter
Operation Temperature	0~50°C (Battery Life cycle will be shorten when temperature is above 25°C)
Operation Altitude	<1000m

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