



PS-POU6K#16B7A

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



Applications

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

General Features

Model		PS-POU6K#16B7A
Capacity (VA / Watt)		6000VA / 4800W
Input		
Voltage Range	Low Line Transfer	110VAC \pm 3% at 50% Load; 176 VAC \pm 3% at 100%Load
	Low Line Comeback	Low Line Loss Voltage + 10V
	High Line Transfer	300 VAC \pm 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		\geq 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		\pm 1%
Frequency Range		46Hz~54Hz @50Hz system / 56Hz~64Hz@60Hz system
Frequency Range (Batt. Model)		50 Hz \pm 0.1Hz or 60Hz \pm 0.1Hz
Power Factor		0.8
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		\leq 3 % THD (linear load); \leq 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		92%
Battery Mode		90%
Battery		
Battery Type		12 V /7AH x 16
Numbers		16
Recharge Time		9 hours recover to 90% capacity (Typical)
Charging Current		Default: 1 \pm 10% Max: 1A , 2A (Adjustable)
Charging Voltage		218.4VDC \pm 1%
Physical		
Dimension, D x W x H		442 x190 x 688(mm)
Net Weight (kgs)		61
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