

PS-POU10K#16BKR

Features:

- >> N+X parallel redundancy, support maximum 4 units in parallel
- >> Multiple communication interface: RS232/USB/EPO
(Relay card /SNMP card optional)
- >> Maximum charging current up to 10A
- >> Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm



Applications



FINANCE



Telecom



MEDICAL



DATA CENTER

Technical Specifications

MODEL		PS-POU10K#16BKR	
Capacity		10000VA / 9000W	
INPUT			
Nominal voltage		208/220/230/240Vac	
Input voltage range		110~286Vac	
Power factor		≥0.99	
Bypass voltage range		Max.voltage:220V:+25% (Optional+10%,+15%,+20%) 230V:+20% (Optional+10%,+15%) 240V:+15% (Optional+10%) Min.voltage:-45% (Optional-20%,-30%)	
FREQUENCY			
Frequency range		40~70Hz (50/60Hz Auto-Sensing)	
OUTPUT			
Output voltage		208/220/230/240Vac	
Voltage regulation		±1%	
Power factor		0.9	
Output frequency		±1%/±2%±/±4%/±5%/±10% of the rated frequency (Optional) (50/60±0.1%)Hz	
Crest factor		3:1	
Harmonic distortion (THDv)		≤2% Linear load ≤5% Non linear load	
Transfer time		AC mode to Bat.mode: 0ms Inverter to Bypass: 0ms	
Output waveform		Pure Sinewave	
Overload		Line mode: Load≤110% last 60min; ≤125% last 10min; ≤150% last 1min;>150% turn to bypass mode immediately Bypass mode: 63A (Breaker)	
Efficiency		93.5%	
BATTERY			
Battery voltage		±120Vdc	
Capacity (Standard unit)		9Ah/12V (7Ah/12V optional)	
Typical recharging time		6~8 hours (to 90% of full capacity)	
Charging current		1A (Standard unit); Long run unit Max.current 10A (Charging current can be set according to battery capacity)	
INDICATORS			
LED display		Line mode,Bat.mode,ECO mode,Bypass mode,Battery low voltage,Overload & UPS fault	
LCD display		Input voltage,Input frequency,Output voltage,Output frequency,Load percentage, Battery voltage,Inner temperature& Remaining battery backup time	
ALARM			
Battery mode		Beeping every 4 seconds	
Battery low		Beeping every second	
Overload		Beeping twice every second	
Fault		Continuously beeping	
PHYSICAL			
Dimension W x D x H (mm)		H:191 x 460 x 337 ; S:191 x 460 x 720 (With wheel)	
Net weight (kg)		71.5	
ENVIRONMENT			
Operating temperature		0℃~40℃	
Storage temperature		-25℃~55℃	
Humidity range		20~95%RH @ 0~40℃ (Non condensing)	
Altitude		<1500m,derating required when>1500m	
Noise level		<58dB at 1 Meter	
STANDARDS			
Safety		IEC/EN62040-1,IEC/EN62477-1	
EMC		IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8	

Specifications are subject to change without prior notice.

When output voltage is 208Vac,need to derate to 80% of the unit capacity.