

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 / 1000W	
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	1	
Output frequency	Line mode	±1%/±2%±/±4%/±5%/±10% of the rated frequency (Optional)
	Bat. mode	(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)	
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	
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.