

PS-POU80K3#50BC0KR



Features:

- >> High reliability design
- >> Power saving
- >> Parallel redundancy function
- >> Flexible battery configuration
- >> Strong load capacity
- >> Compatible with generator
- >> LBS function
- >> Intelligent management



Applications



FINANCE



Telecom



MEDICAL



INDUSTRIAL

Technical Specifications

MODEL		PS-POU80K3#50BC0KR	
Capacity(VA/Watts)		80k / 80k	
INPUT			
Nominal voltage		380/400/415Vac (3Ph+N+PE)	
Operating voltage range		138~485Vac for 40% load; 305~485Vac for full-load	
Operating frequency range		40~70Hz (50/60Hz Auto-Sensing)	
Power factor		≥0.99	
Harmonic distortion (THDi)		≤3% Linear load	
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 protection range		50/60Hz±10%	
Generator input		Support	
OUTPUT			
Output voltage		380/400/415Vac (3Ph+N+PE)	
Voltage regulation		±1%	
Power factor		1.0	
Output frequency		±1%/±2%/±4%/±5%/±10% of the rated frequency (Optional) (50/60±0.2%)Hz	
Crest factor		3:1	
Harmonic distortion (THDv)		≤2% with linear load ≤4% with non linear load	
Overload	AC Mode	Load≤110%: last 60min, ≤125%: last 10min, ≤150%: last 1min, >150%:turn to bypass immediately	Load≤110%: last 60min, ≤125%: last 1min, >125%: last 1.2s
	Bypass Mode	135% overload long time; >1000% overload 100ms	
EFFICIENCY			
Efficiency		up to 95.5%	
BATTERY			
Battery voltage		Optional Voltage: ±180/±192/±204/±216/±228/±240/±252/±264/±276/±288/±300Vdc(30/32/34/36/38/40/42/44/46/48/50pcs optional); 360Vdc~600Vdc (30~50pcs, 30pcs default, 36~50pcs output power factor 1.0; 32~34pcs output power factor 0.9; 30pcs output power factor 0.8)	
Charge Current (charge current can be set according to battery capacity installed)		40A Max.	
SYSTEM FEATURES			
Transfer time		Utility to Battery: 0ms; Utility to Bypass: 0ms	
Backfeed protection		Support	
Alarm		Overload, utility abnormal, UPS fault, battery low, etc	
Protection		Short circuit, overload, over temperature, battery low, fan fault alarm	
Remote LCD		Support	
Communication		USB, RS232, RS485, parallel port, dry contact, intelligent slot, LBS, SNMP card (Optional), relay card (Optional)	
ENVIRONMENTAL			
Operating temperature		0 °C~40 °C	
Storage temperature		25 °C~55 °C(No battery)	
Humidity range		0~95% (Non condensing)	
Altitude		<1500m, derating required when>1500m	
Noise level		<60dB	
PHYSICAL			
Dimension WxDxH (mm)		442 x 850 x 1200	
Net weight (kg)		140	
STANDARDS			
Safety		IEC/EN62040-1, IEC/EN62477-1	
EMC		IEC/EN62040-2 (IEC 61000-2-2, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11)	

Specifications are subject to change without prior notice.