

PS-POU200K3#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-POU200K3#50BC0KR		
Capacity(VA/Watts)	200k / 200k		
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	Line Mode	±1%/±2%/±4%/±5%/±10% of the rated frequency (Optional)	
	Bat. Mode	(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)	60A 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	<66dB		
PHYSICAL			
Dimension WxDxH (mm)	442 x 850 x 1200		
Net weight (kg)	220		
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.