

PS-POU20K3311#40B9KR

Features:

- >> N+X parallel redundancy, support maximum 4 units in parallel
- >> Wide input frequency range 40~70Hz
- >> Support 3/3 and 3/1 and 1/1 operation
- >> 50/60Hz frequency converter mode
- >> The output can meet 100% unbalanced load
- >> Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm
- >> Multiple communication interface: USB, RS232, RS485, Parallel port, Dry contact, Intelligent slot, SNMP card(Optional), Dry contact card (Optional), Battery temperature sensor (Optional)



Applications



FINANCE



Telecom



MEDICAL



DATA CENTER

Technical Specifications

MODEL	PS-POU20K3311#40B9KR	
Capacity (VA/W)	20k/20k	
INPUT		
Nominal Voltage (Vac)	380/400/415 (3Ph+N+PE); 220/230/240 (L+N+PE)	
Operating Voltage Range (Vac)	208~478	
Power Factor	≥0.99	
Harmonic Distortion (THDi)	≤3% Linear load	
Bypass Voltage Range (Vac)	Max.voltage: 220: +25% (Optional +10%, +15%, +20%) 230: +20% (Optional +10%, +15%) 240: +15% (Optional +10%) Min.voltage: -45% (Optional -20%, -30%)	
Bypass Frequency Range (Hz)	50/60±10%	
OUTPUT		
Nominal Voltage (Vac)	380/400/415 (3Ph+N+PE) ; 220/230/240 (L+N+PE)	
Voltage Regulation	±1%	
Output Frequency (Hz)	Line mode	±1%/±2%/±4%/±5%/±10% of the rated frequency (Optional)
	Bat. mode	50/60±0.1%
Crest Factor	3:1	
Harmonic Distortion (THDv)	≤2% Linear load; ≤5% Non linear load	
Overload	Line mde	Load≤110%: last 60min; ≤125%: last 10min; ≤150%: last 1min; ≥150% turn to bypass mode immediately
	Bat.mode	Load≤110%: last 10min; ≤125%: last 1min; ≤150%: last 5s; ≥150% shut down UPS immediately
	Bypass.mode	Breaker (Load <125%, long-term operation)
EFFICIENCY		
AC Mode	Up to 94.5%	
ECO Mode	Up to 98.75%	
BATTERY		
Battery Type	VRLA (Lead acid maintenance free battery)	
Battery Voltage (Vdc)	Chassis 1: ±180 (2×30pcs 7/9Ah optional)	
	Chassis 2 : ±240(1×40pcs 7/9Ah optional)	
Charging Current (Max.)(A)	1.35 (2.7 Optional)	
ENVIRONMENTAL		
Operating Temperature (°C)	0~40	
Storage Temperature (°C)	-25~55	
Humidity Range	0~95% (Non condensing)	
Altitude (m)	<1500, derating required when>1500	
Noise Level (dB)	<58	
PHYSICAL		
Dimension WxDxH (mm)	250×900×868	
Weight (kg)	Chassis 1: 230 (2×30pcs 9Ah)	
	Chassis 2: 180 (1×40pcs 9Ah)	