

POWER SOLID ONLINE UPS

PS-POU10K3311#40B9KR

10 KVA



Features

- ▶ N+X parallel redundancy, support maximum 4 units in parallel
- ▶ Wide input frequency range 40~70Hz
- ▶ Support 3/3 and 1/3 and 1/1 operation
- ▶ The output can meet %100 unbalanced load
- ▶ 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)

Technical Specifications

MODEL		PS-POU10K3311#40B9KR
Capacity (VA/Watt)		10k/10k
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 (THD)		≤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 Line mode (Hz)		±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 mode	Load≤110%: last 60min; ≤125%: last 10min; ≤150%: last 1min; ≥150%: turn to bypass mode immediately
	Bat.mode	Loads≤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)		±24V(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)