

POWER SOLID ONLINE UPS

PS-POU10KR3311#50BC0KR

10 KVA

Features

- ▶ LCD support Rack/Tower convertible design
- ▶ N+X parallel redundancy, support maximum 4 units in parallel
- ▶ Online double conversion with DSP control
- ▶ Maximum charging current up to 20A (Settable)
- ▶ Dual input source
- ▶ Support 3/3 and 3/1 and 1/1 operation
- ▶ 50/60Hz Frequency converter mode
- ▶ The output can meet %100 unbalanced load
- ▶ RS232, RS485, Parallel, Intelligent Slot (SNMP card/ Relay card (Optional)), BMS (Optional), EPO port, Output port, MAINTAIN-AUXSWS port



APPLICATIONS



FINANCE



TELECOM



MEDICAL



DATA CENTER

Technical Specifications

MODEL		PS-POU10KR331I#50BC0KR
Capacity		10kVA / 10kW
INPUT		
Nominal voltage		380/400/415Vac (3Ph+N+PE) 220/230/240Vac (L+N+PE)
Operating voltage range		208~478Vac
Operating frequency range		40~70Hz (50/60Hz Auto-Sensing)
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 protection range		50/60Hz±10%
Harmonic distortion (THDi)		≤3% Linear load
OUTPUT		
Output voltage		380/400/415Vac (3Ph+N+PE) 220/230/240Vac (L+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±0.1%)Hz
Transfer time	AC mode to Bat.mode	0ms
	Inverter to Bypass	0ms
Output waveform		Pure Sinewave
Crest factor		3:1
Harm		≤2% Linear load
Overload	Line mode	turn tao bypass mode immediately %150≤ ;1min last :%150≥ ;10min last :%125≥ ;60min last :%110≥Load
	Bat. mode	shut down UPS immediately %150≤ ;5s last :%150≥ ;1min last :%125≥ ;10min last :%110≥Load
	Bypass mode	(long-term operation ,%125 > Load) Breaker
EFFICIENCY		
Efficiency		up to 94.5%
BATTERY		
Battery voltage		±180/192/204/216/228/240/252/264/276/288/300Vdc (30/32/34/36/38/40/42/44/46/48/50pcs settable)
Charge Current (charge current can be set according to battery capacity installed)		18A Max.
PHYSICAL		
Dimension W×D×H (mm)		443 x 580 x 131(3U)
Net weight (kg)		29
ENVIRONMENTAL		
Operating temperature		0℃~40℃
Storage temperature		-25℃~55℃
Humidity range		0~95% (Non-condensing)
Altitude		<1500m,derating required when>1500m
Noise level		<55dB