



PS-POU120KT3#32BC0KR

Features:

- >> The output power factor up to 0.9 better matches the load.
- >> The range of AC input voltage is (380Va/400Vac/415Vac) (-25%/+20%).
- >> Wide input frequency ranging from 45Hz to 65Hz,
- >> RS232 & RS485 communication ports: and MODBUS protocol is optional.
- >> SNMP adapter (optional): for remote monitor through network.
- >> A concave red EPO button with transparent cover is embodied in the LCD control panel for emergency power off.
- >> Generator mode.



Applications

**FINANCE****Telecom****MEDICAL****INDUSTRIAL**

Technical Specifications

MODEL	PS-POU120KT3#32BC0KR
Capacity(VA/Watts)	120kVA/ 108kW
INPUT	
Operating voltage range	380/400/415Vac (-25% / +20%), (3Ph+N+PE)
Operating frequency range	50/60Hz(±5%)
Power factor	>0.97 (with filter)
OUTPUT	
Output voltage	380/400/415Vac (±1%)
Output frequency	50/60Hz (±0.05%)
Harmonic distortion (THDv)	<2% (linear load)
Crest factor	3:1 (max)
Efficiency	≥92%
BYPASS	
Rated voltage	380/400/415Vac
Rated frequency	50/60Hz (auto-sensing)
Voltage protection range	Upper limit: +20% (+10%,+15%,+20% adjustable) Lower limit: -40% (-10%, -20%, -30%, -40% adjustable)
Frequency protection range	±10% (±2.5%, ±5%,±10%, ±20% adjustable)
BATTERY	
Battery voltage	384Vdc(360~384Vdc)
Transfer time	0 ms (Line mode Battery mode)
Overload	Load≤110%/ 60min; ≤125% /10mins;≤150%/1 min,to Bypass
LED display	Input, Inverter, Bypass, Battery, Output, Status
LCD display	I/O voltage, frequency, power, power factor, battery voltage, current, battery status, load percentage, UPS status, history record, settings
Communication interface	Dry contact, RS232, RS485, SNMP card (Optional)
Optional	Harmonic filter, SNMP adapter, LBS cables, battery temperature sensor, Bypass current-sharing inductor
ENVIRONMENTAL	
Operating temperature	0~40°C
Storage temperature	-25~55°C
Humidity range	0~95% (non-condensing)
Altitude	<1500m
Noise level	<65dB
PHYSICAL	
Dimension W×D×H (mm)	890×775×1600(6P) 1515×830×1600(12P)
Net weight (kg)	685/1450
Shipping weight (kg)	755/1520
STANDARDS	
Safety	IEC/EN62040-1;IEC/EN62477-1
EMC	IEC/EN62040-2;IEC61000-4-2;IEC61000-4-3;IEC61000-4-4;IEC61000-4-5;IEC61000-4-6;IEC61000-4-8
Performance	IEC 62040-3
Specifications are subject to change without prior notice.	