



PS-POU160K3#46BC0K

Features:

- >> Output power factor 1.
- >> High efficiency up to 96%.
- >> Super wide input voltage range (-60%~+25%).
- >> Frequency range (40~70)Hz.
- >> Robust Over Load ability.
- >> Anti-corrosion resistant coating in all PCB boards.
- >> ECO mode efficiency > 99% gives significant reduction of TCO.
- >> Self-Load test function without load.
- >> Self-dedusting function.



Applications



FINANCE



Telecom



MEDICAL



DATA CENTER



Electricity



INDUSTRIAL



Transportation



Commercial Buildings

General Features

Model	PS-POU160K3#46BC0K
Capacity (KVA)	160
Input	
Voltage (Vac)	380/400/415 (138~485 L-L)
Frequency (Hz)	40~70
Bypass Voltage (Vac)	380/400/415: -20%~+15%
Power Factor	≥0.99
Phase	3φ4W+PE
THDi at full linear load	<3%
Output	
Power Factor	1
Voltage (Vac)	L-N: 220/230/240±1% L-L: 380/400/415±1%
Frequency (Hz)	50/60±0.1% (Battery mode)
Phase	3φ4W+PE
Unbalance 3-phase voltage stabilization with full load	≤2%
Waveform	Pure sine wave, THD<1% at linear load
Transfer Time (ms)	0
Efficiency	up to 96%
Overload	100%~ 110% load for 60 min ,111%~ 130% load for 10 min, 131%~ 150% load for 1 min, above 150% load for 200 ms
Battery	
Battery Voltage (Vdc)	±180V ~ ±276V
BATT Type	External
Charging Current (A) MAX	30
Physical	
Dimension (W×D×H) (mm)	600×900×1600
Weight (Standard) (kg)	270
Other	
CommunicationInterface	RS485, MODBUS, dry contact (RS232, SNMP, expend dry contact card are optional in slot)
Display	7-inch touch screen + LED
Alarm	AC input abnormal, low battery, overload, failure
Protection	Output short-circuits, overload, over-temperature, battery low voltage, output over/low voltage
Noise (dB)	<65
Working Temperature °C	0 ~ 40
Relative Humidity	0 ~ 95%, no condensation