

The INV Series...

Inverter INV 48/230 V - 1000 VA
INV 48/230 V - 2000 VA

Standard 19", 23" and 25" rack

1kVA/800W, 2kVA/1600W output power

Selectable 208V/220V/230V/240V system output

High efficiency system

Pure sinewave output with less than 3% THD

Compact and lightweight

Modular design for easy maintenance

Bypass function

RS-232 communication interface

User friendly LED and LCD display

Applications

Indoor and Outdoor

Telecom, wireless, datacom

Description

The inverter INV 48/230V inverters are single phase, fan-cooled inverters. They convert all direct voltages from 48 V battery systems to an uninterruptible, stabilized AC voltage. The outstanding dynamic performance matches the supply requirements for state-of-the-art telecom equipment. This performance as well as the advanced technology is the key factors of the success of this inverter and it offers a cost effective and reliable solution.

The typical applications for PCE inverter are both in indoor and outdoor environments, which is a perfect solution for wireless base stations, core network components, telecommunications networks and data networks.



PCE[®]
UPS SYSTEMS

YOUR ULTIMATE
POWER PROTECTION PARTNER

General	
Efficiency, at 230Vrms	85%
Safety	UL 60950
	EN 60950
	CAN/CSA-C22.2 No. 60950
EMI,radiated	FCC part15, class A
Compliant with	EN 55022,class A
Cooling	Fan cooled
Accoustic noise	55 dB(A)
On/Off switch	Yes
MTBF	450K Hours

DC Input	
Input Voltage	40...60 Vdc
Rated current	25 A (1kVA)/ 50A (2kVA)
Inrush current	180 A
EMI,conducted	EN 55022,class A
Protection	Fuse and DC breaker

AC Input (Bypass)	
Input Voltage	208/220/230/240 Vrms ±20%
Frequency	50/60 Hz ±5 Hz
EMI,conducted	EN 55022,class A
Mains connector	Rear side
Input protection	AC circuit breaker
Connection	Terminal block (3 P)

Output	
Output Voltage	208/220/230/240 Vrms
Voltage regulation	<±2%
Frequency	50/60 Hz ±0.2 Hz
THD	3%: 100% linear load 5%: 100% SPS load
Current nominal	5Arms (1kVA) 10Arms (2kVA)
Crest factor	3:1
Power nominal	1000VA/ 800W 2000VA/ 1600W
Receptacles	IEC-320 x 4

User Interface	
Status display	LCD Display
Staus indication	LED <<Inverter ON>>
	LED <<Overload>>
	LED <<DC abnormal>>
	LED <<Fault>>
Communication	RS - 232 Dry contact

Mechanics	
Width, overall	17.3" / 440mm
Depth, overall	11.8" / 300mm
Height, overall	3.5" / 88 mm
Weight	17.6 lb / 8 kg (1kVA)
	18.7 lb / 8.5 kg (2kVA)

Environment	
Operating temperature	0...+45°C
Relative humidity	20-90%, non condensing
Altitude	- 500-10000 feet

* Specifications are subject to change due to technical progress

