

# INVB4000

- Efficiency > 88%
- Build-in electronic, static Bypass
- Without 50 Hz transformer
- High-frequent switching
- Robust IGBT-end-stage
- Low output impedance
- 19"- plug-in case



Picture may differ from actual device

## Specifications

### General

Electrical safety	EN 60950, VDE 0805
Efficiency	>88% by nominal load
Galvanic isolation	3,75 kV <sub>DC</sub>
EMC (emission)	EN 50081-1 curve EN 55022B
EMC (immunity)	EN 50082-2
Operating temperature	-5°C to +45°C

### Input DC

INVB4000-48/60	48-60 (38-72) V <sub>DC</sub>
INVB4000-110	110 (88-132) V <sub>DC</sub>
INVB4000-220	220 (178-264) V <sub>DC</sub>

### Output AC

Voltage	230 V <sub>AC</sub> failure tolerance +/-5%
Frequency	50 Hz, sinewave processor controlled
Output power	4 kVA / 3200W
Power factor	0,8
Load range	0 - 100%
Crestfactor	>2,5
Harmonic distortion	<2%

### Signals

Visual	LEDs for load display and PG/ON
Electrical	Status-/Alarmcontact (potential free)

### Operation

push-button for setup,  
battery switch

### Housing

Size	19"- plug-in case
Weight	3 HE/ 84 TE, 360 mm depth app. 15kg
Classification	IP 20
Ventilation	internal fan

### Electrical Connections

Connectors	front (rear connectors upon request)
Input DC	3 high current terminal blocks 16 mm <sup>2</sup>
Output AC	Phoenix Power-Combicon plug
Alarm	Binder round connector
Input AC	Phoenix Power-Combicon plug

### Technical Features

Built-in electrical static bypass-switch with voltage synchronization.

Switching time <5ms.

The LED bar on the front panel reads the output power of the inverter. Each LED signals the 25% nominal load.

### Warranty

24 months

### Order code

INVB4000-48/60-230  
INVB4000-110-230  
INVB4000-220-230