

INVB2000

- 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 _{DC}
EMC (emission)	EN 50081-1 curve EN 55022A
EMC (immunity)	EN 50082-2
Operating temperature	-5°C to +45°C, non condensing +55 to +70°C, 2%/K derating

Input DC

INVB2000-48/60	48-60 (38-72) V _{DC}
INVB2000-110	110 (88-132) V _{DC}
INVB2000-220	220 (178-264) V _{DC}

Output AC

Voltage	115V _{AC} failure tolerance +/-5%
Frequency	60 Hz, sinewave processor controlled
Output power	2 kVA / 1600W
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
Classification	app. 11kg
Ventilation	IP 20
	internal fan

Electrical Connections

Connectors	front (rear connectors upon request)
Input DC	3 high current terminal blocks 16 mm ²
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

INVB2000-48/60-115
INVB2000-110-115
INVB2000-220-115