

Inverter INVBL2000-Series

- Efficiency >88%
- incl. static Bypass
- without 50 Hz transformer
- high frequency control
- robust IGBT-power amplifier
- low output impedance
- 19"-Rack



Technical Data

General

Electrical Safety	EN 60950, VDE 0805
Efficiency	>88% at nominal load
Electrical isolation	3,75 kV _{DC}
EMC-emitted	EM 61000-6-3
EMC-interference	EM 61000-6-2
Operation temperature	-5°C to +50°C +50°C to +70°C, 2%/K derating

Input DC

Voltage	48/60 V _{DC} 110V _{DC} 220V _{DC}
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Output AC

Voltage	230 V _{AC} fault tolerance +/- 5%
Frequency	50 (60) Hz, sinewave processor controlled
Output power	2000 VA / 1600 W
Power factor	0,8
Load range	0 - 100%
Crestfactor	≥3
Harmonic distortion	<2%
Bypass switch time	typical 4ms

Signals

Visual	LCD Dot Matrix Display 2x8
Electrical	2 potential free alarm contacts

Operation

Local	Main Switch Button for setup
Remote	PC interface for data recall, Parameter setting via LAN Web/SNMP integrated

Housing

Size	19"-rack
Weight	3 HE, depth 360 mm approx. 9.88 kg
Classification	IP 20
Ventilation	forced ventilation , internal fan

Electrical connection

Connectors	front
Input DC 48/60V	high current terminal blocks HDFK 16 mm ²
Input DC 110V/220V	Phoenix Power CombiCon PC6/3-GF10,16
Input AC	Wago Winsta Midi
Output AC	Wago Winsta Midi
Signal	Phoenix Mini-Combicon

Special features

Static Bypass integrated for automatic switching by voltage communications mains to Inverter or backwards.

Switchover time typical 4ms

Warranty

24 months

Order code

INVBL2000-48/60-230
INVBL2000-110-230
INVBL2000-220-230