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
  - 110 V DC
  - 220 V DC

**Output AC**
- Voltage 230 V AC
- Frequency 50 (60) Hz, sinewave processor controlled
- Output power 2000 VA / 1600 W
- Power factor 0.8
- Load range 0 - 100%
- Crest factor ≥3
- Harmonic distortion <2%
- Bypass switch time typical 4ms

**Signs**
- 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 approx. 9.88 kg
- Classification IP 20
- Ventilation forced ventilation, internal fan

**Electrical connection**
- Connectors front
- Input DC 48/60 V high current terminal blocks
  HDFK 16 mm²
- 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

Subject to change without notice.