Inverter INVB1000 Bypass

- Efficiency >88%
- Built-in static bypass
- Without 50 Hz transformer
- High-frequent switching
- Robust IGBT-end-stage
- Low output impedance
- 19”-plug-in case

Specifications

### General
- Efficiency: >88% by nominal load
- Galvanic isolation: 3.75 kV<br>Curves: EN 55022B, EN 50082-2
- Operating temperature: -5 to +45°C non condensing

#### Input DC

#### Output AC
- Voltage: 230 V<br>Frequency: 50 Hz (60 Hz), sinewave processor controlled
- Output power: 1 kVA / 800 W
- Power factor: 0.8
- Load range: 0 - 100%
- Crestfactor: >2.5
- Harmonic distortion: <2%

#### Signals
- Visual: LCD dot matrix display
- Signal output: voltage free alarm contact

#### Operation
- push-button for setup,
- DC switch, AC switch

#### Warranty
- 24 months

### Housing
- 19”-plug-in case
- Size: 3 U / 84 TE, 240 mm depth
- Weight: app. 7.5 kg
- Classification: IP 20
- Ventilation: internal fan

### Electrical connections
- Connectors: front (rear connectors upon request)
- DC IN: 3 terminal blocks 16 mm²
- AC OUT: appliance outlet Schurter
- AC IN (bypass): appliance inlet Schurter
- Alarm: Phoenix Mini-Combicon

### Technical Features
- Built-in static bypass-switch with voltage synchronization.
- Switching time <10 ms.

### Order Code
- e.g. INVB1000 - 48/60 - 230 - 1

<table>
<thead>
<tr>
<th>INV</th>
<th>P / VA</th>
<th>Uin / VDC</th>
<th>Uout / VAC</th>
<th>Options</th>
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<tbody>
<tr>
<td></td>
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<td>48 / 60</td>
<td>110</td>
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<td>220 - 60</td>
<td>220</td>
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</tbody>
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Options:
- 1: 60 Hz<br>- 2: Rear connectors

Picture may differ from actual device