Inverter INVP2000

- Efficiency > 88%
- With parallel mode module
- Without 50 Hz transformer
- High-frequent switching
- Robust IGBT-end-stage
- Low output impedance
- 19”- plug-in case

Specifications

General
Electrical safety EN 60950, VDE 0805
Efficiency >88% by nominal load
Galvanic isolation 3,75 kVdc
EMC (emission) EN 50081-1
EMC (immunity) EN 50082-2
Operating temperature -5°C to +45°C non condensing

Input DC
INVP2000-24 24 (19-31) VDC
INVP2000-48/60 48/60 (38-72) VDC
INVP2000-110 110 (88-132) VDC
INVP2000-220 220 (178-264) VDC

Output AC
Voltage
Frequency 50 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
signal output LCD dot matrix display
voltage free alarm contact

Operation
push-button for setup, main switch

Warranty 24 months

Housing
19”- plug-in case
Size 3 U / 84 TE, 360 mm depth
Weight approx. 10.0 kg
Classification IP 20
Ventilation internal fan

Electrical connections
Connectors Front (rear connectors upon request)
Input DC 3 high current terminal blocks 16 mm²
(24, 48/60 V), Phoenix Power Combicon
(110, 220 V)
Output AC Phoenix Power-Combicon plugs
(parallel-mains) 2x Phoenix Power-Combicon plugs
Output AC 1x Appliance outlet
Parallel-signal 2x RJ45 S-UTP
Alarm Phoenix Mini-Combicon

Technical Features
Built-in parallel mode module to increase the power range for bigger loads. The load current sharing is done by each inverter individually. Possibility to parallel up to 5 inverters.

Order Code
Type P / VA U in / VDC U out / VAC Options
INVP 2000
24 250 1.2
48 / 60 115
220

Options:
1: 60Hz form
2: Rear connectors

Separate values by hyphen (-), append options where applicable

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