

# Inverter INVP2000

- Efficiency >88%
- With parallel mode module
- Without 50Hz 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 <sub>DC</sub>
EMC (emission)	EN 50081-1 curve EN 55022B
EMC (immunity)	EN 50082-2
Operating temperature	-5°C to +55°C, non condensing +55 to +70°C, 2%/K derating

### Input DC

INVP2000	24 (19-31) V <sub>DC</sub>
INVP2000	48/60 (38-72) V <sub>DC</sub>
INVP2000	110 (88-132) V <sub>DC</sub>
INVP2000	220 (178-264) V <sub>DC</sub>

### Output AC

Voltage	115V <sub>AC</sub> failure tolerance +/-5%
Frequency	60Hz, 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
signal output	voltage free alarm contact

### Operation

push-button for setup,  
main switch

### Housing

Size	19"- plug-in case
Weight	3 HE, 84 TE, 360mm depth
Classification	approx. 11kg
Ventilation	IP 20 internal fan

### Electrical Connections

Connectors	front (rear connectors upon request)
Input DC	3 high current terminal blocks 16mm <sup>2</sup>
Output AC	
(parallel-mains)	Phoenix Power-Combicon plug
Parallel-signal	2x Phoenix Power-Subcon plugs
Alarm	Binder round connector

### 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 INVP2000.  
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

INVP2000-24-115  
INVP2000-48/60-115  
INVP2000-110-115  
INVP2000-220-115