

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 _{DC}
EMC (emission)	EN 50081-1 curve EN 55022B
EMC (immunity)	EN 50082-2
Operating temperature	-5°C to +50°C, non condensing +50 to +70°C, 2%/K derating

Input DC

INVP2000	24 (19-31) V _{DC}
INVP2000	48/60 (38-72) V _{DC}
INVP2000	110 (88-132) V _{DC}
INVP2000	220 (178-264) V _{DC}

Output AC

Voltage	115V _{AC} 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. 10.0 kg
Ventilation	IP 20
	internal fan

Electrical Connections

Connectors	front (rear connectors upon request)
Input DC	3 high current terminal blocks 16mm ²
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