

INV/P Inverter 4000 - 20000 VA



OVERVIEW

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

TYPES

Type	Power VA	Input VDC	Output VAC/Hz	Dimensions
INV 4000-48/60	4000	48	230/50	19" x 3 U x 360 mm
INV 4000-110	4000	110	230/50	19" x 3 U x 360 mm
INV 4000-220	4000	220	230/50	19" x 3 U x 360 mm

OPTIONS

Suffix	Description
/1	60 Hz output frequency
/2	Rear connectors
/3	Output voltage 115 VAC

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.

TECHNICAL DATAS

Electrical safety	EN 60950, VDE 0805	
Efficiency	> 88% by nominal load	
Galvanic isolation	3.75 kV DC	
EMC (emission)	EN 50081-1	
EMC (immunity)	EN 55022B	
Operating temperature	-5 to +45°C non condensing	
Voltage	230 VAC (115 VAC/ 60 Hz upon request), failure tolerance + 5%	
Frequency	50 Hz, sinewave processor controlled	
Power factor	0.8	
Load range	0 - 100%	
Crestfactor	> 2.5	
Harmonic distortion	< 2%	
Signals	visual	LED for load control and PG / ON
	signal output	alarm contact
Operation	push-button for setup, main switch	
Input DC	24 (19 – 31) VDC	
	48/60 (38 – 72) VDC	
	110 (88 – 132) VDC	
	220 (178 – 264) VDC	