

INV Inverter

500 - 10000 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 500-24	500	24	230/50	19" x 3U x 240 mm
INV 500-48/60	500	48	230/50	19" x 3U x 240 mm
INV 500-110	500	110	230/50	19" x 3U x 240 mm
INV 500-220	500	220	230/50	19" x 3U x 240 mm
INV 1000-24	1.000	24	230/50	19" x 3U x 240 mm
INV 1000-48/60	1.000	48	230/50	19" x 3U x 240 mm
INV 1000-110	1.000	110	230/50	19" x 3U x 240 mm
INV 1000-220	1.000	220	230/50	19" x 3U x 240 mm
INV 2000-24	2.000	24	230/50	19" x 3U x 360 mm
INV 2000-48/60	2.000	48	230/50	19" x 3U x 360 mm
INV 2000-110	2.000	110	230/50	19" x 3U x 360 mm
INV 2000-220	2.000	220	230/50	19" x 3U 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	LCD dot matrix display
signal output	voltage free 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