

INVERTER

Inverters for telephony and electrical distribution



INPUT

Available: 48, 110, 125, 220 Vdc nominal

OUTPUT

Available: 150, 200, 250, 350, 500 W nominal

Voltage: 220 Vac single-phase

Frequency: 50 Hz \pm 0,1%

Wave form: sinusoidal

Power factor: 0,8 ind. to 0,8 cap.

Performance: >80%

Total harmonic distortion: <5% over linear load in all the range of the power factor

Overload: 50% during 30 s

PROTECTIONS

Input: Fuses

Output:

- Electronic and fuses against short-circuits and overloads
- Varistors against overvoltages

SIGNALLING

Led indicator of 220 Vca presence

Optional:

- Leds indicator of the state of the charger and batteries
- Remote alarm relay of the power supply state
- Amperometer at the output

COMMAND AND CONNECTIONS

Inputs: bipolar switch or unpluggable fuses, terminals

Output: power outlet schuko or terminal

ENVIRONMENT CONDITIONS

Temperature: 0 to 50 °C

Relative humidity: < 95%

INSULATION

According to IEC 60255-5 standard

Nominal 500 V

Test voltage: 2,0 kV, 50 Hz, 1 minute

FUNCTION

Generate alternating voltage from direct voltage.

DESCRIPTION

Electronic inverter with boost pre-regulator, controlled bridge 50 Hz and output filter.

Output transformer with galvanic insulation.

QUALITIES

- Sinusoidal wave form
- Permanent operation
- Autostart with batteries in charge
- Automatic turn off by low power supply voltage
- Electronic turn off by overload
- Insulation between input and output

APPLICATIONS

For energy plants of telephony centrals and electric network substations.

OPTIONS

Enclosure for 19" rack'

Other power supply voltages

Other output voltages and frequencies

Additional output power outlets

Other powers

MODELOS

INVXXXVYYY

XXX is the input voltage

YYY is the active power

Options: R enclosure for 19" rack

Examples: INV110V500R, INV125V350



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DIMENSIONES Y PESO

Power over resistant load W	Width (Mm)	Hight (Mm)	Depth (Mm)	Weight (Kg)
150	405	175	190	11
200	405	175	190	13
250	405	175	190	15
350	405	175	190	20
500(rack)	430	177 (4U)	455	26
150	455	235	320	27

INPUT

Available nominal input voltages Vdc	Input voltage range Vdc
48	43 to 58
110	85 to 135
125	100 to 152
220	175 to 266

OUTPUT

Available power over resistant load W	Power over linear load VA	Apparent power over non linear load VA
150	150	450
200	200	600
250	250	750
350	350	1000
500	500	1500

