

Inverter INV125

- bench case
- small and strong
- with 50 Hz output transformer
- potential free
- sinewave output
- short-circuit protected
- overload protected

Picture may differ from actual device



Specifications

General

Electrical safety	EN 60950, VDE 0805 overload and short-circuit protected
Efficiency	about 85 %, nominal load
Galvanic isolation	3.75 kV DC
EMC (emission)	EN 50081-1 Curve EN 55022B
EMC (immunity)	EN 50082-2
Operating temperature	-5 to +40°C non condensing

Input

INVT125-24	24 (19 - 31) VDC
INVT125-48/60	48/60 (38 - 72) VDC
INVT125-110	110 (88 - 132) VDC

Output

Voltage	230 VAC / 115 VAC (set via internal bridge)
Frequency	50 Hz / 60 Hz sinewave (set via jumper)
Power	125 VA, 100 W
Power factor	0.8
Load range	0 - 100 %
Crestfactor	> 2.0
Harmonic distortion	< 5 %

Optical signals	Power on / PG Overload / OVL
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Warranty	24 months
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Housing

bench case	
Size (W x D x H)	app. 243 x 175 x 72 (mm)
Weight	app. 2.5 kg
Classification	IP 20
Ventilation	convection

Electrical connections

Input	Power-CombiCon 3 pole Type: PC 4/3-G-7,62
Output	Appliance outlet EN 60320
Signals	Mini-CombiCon 6 pole Type: MC-1,5/6 GF-3,81

Accessories (included)

Connection set 1

Order Code

e.g. INVT125-48/60 – 230 - 1

INV	Type	P / VA	U _{IN} / VDC	U _{OUT} / VAC	Options
	T	125	24	230	1
			48 / 60	115	
			110		

Separate values by hyphen (-), append options where applicable

Options:
1: 60Hz f_{OUT}