



*Let's talk!*

# Inverter INVT250

- bench case
- small and strong
- with 50 Hz transformer output
- 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 80%, nominal load
Galvanic isolation	3.75 kV <sub>DC</sub>
EMC (emission)	EN 50081-1 Curve EN 55022B
EMC (immunity)	EN 50082-2
Operating temperature	-5 to +40°C non condensing
Audible noise	<35dB(A)

### Input

INVT250-24	24 (19 - 31) V <sub>DC</sub>
INVT250-48/60	48/60 (38 - 72) V <sub>DC</sub>
INVT250-110	110 (88 - 132) V <sub>DC</sub>

### Output

Voltage	230 V <sub>AC</sub> (115 V <sub>AC</sub> ) Failure tolerance +/- 5%
Frequency	50 Hz (60 Hz), sinewave processor controlled
Power	250 VA, 200W
Power factor	0.8
Load range	0 - 100%
Crestfactor	>2.5
Harmonic distortion	<5%

### Signals

Optical signals	power on / PG, overload / OVL
Signal output	voltage free alarm contact

**Warranty** 24 months

### Housing

bench case	
Size (W x D x H)	app. 243 x 175 x 72 (mm)
Weight	approx. 4.4 kg
Classification	IP 20
Ventilation	internal fan

### 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

Connection set 1 (included)

### Order Code e.g. INVT250-48/60 – 230 - 1

Type	P / VA	U <sub>in</sub> / VDC	U <sub>out</sub> / VAC	Options
INV	250	24	230	1
		48 / 60	115	
		110		

Options:  
1: 60Hz four  
Separate values by hyphen ( - ), append options where applicable