

# Inverter INV250 Rail

- case for wall mounting
- small and strong
- with 50 Hz transformer
- potential free
- sinewave
- short-circuit protected
- overload protected



## Specifications

### General

Electrical safety	EN 60950, VDE 0805, overload- and short-circuit protected
Efficiency	about 82% at 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

INVW250-24	24 (19 - 31) VDC
INVW250-48/60	48/60 (38 - 72) VDC
INVW250-110	110 (88 - 132) VDC

### Output

Voltage	230 VAC, failure tolerance $\pm 5\%$ (115 VAC upon request)
Frequency	50 Hz / 60 Hz (set via jumper)
Output power	250 VA, 200 W
Power factor	0.8
Load range	0 - 100%
Crestfactor	> 2.0
Harmonic distortion	< 5%

### Signalling

Signals	Power on (Power/PG) 1 x voltage free contact
---------	---

### Warranty

24 months

### Housing

case for wall mounting	
Size (W x D x H)	252 x 180 x 90 (mm)
Weight	app. 3.5 kg
Classification	IP 42
Ventilation	convection

### Cooling

via backplane of the housing  
(recommended mounting wall thickness > 3 mm)

### Electrical connections

Input	terminal blocks 3-pole
Output	terminal blocks 3-pole
Signals	terminal blocks 3-pole

### Order Code

Type	P / VA	U <sub>IN</sub> / VDC	U <sub>OUT</sub> / VAC	Options
WR	250	24	230	1,7
		48 / 60	115	
		110		

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

Options:  
1: 60Hz f<sub>OUT</sub>  
7: Wide range input 110V version 50-140VDC