



*Let's talk!*

# Inverter INVW250

- wall mount case
- small and strong
- with 50Hz 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<br>overload and short-circuit protected |
| Efficiency            | about 80%, nominal load                                    |
| Galvanic isolation    | 3.75kV <sub>DC</sub>                                       |
| EMC (emission)        | EN 50081-1<br>Curve EN 55022B                              |
| EMC (immunity)        | EN 50082-2                                                 |
| Operating temperature | -5 to +40°C non condensing                                 |
| Audible noise         | <35dB(A)                                                   |

### Input

|               |                                 |
|---------------|---------------------------------|
| INVW250-24    | 24 (19 - 31) V <sub>DC</sub>    |
| INVW250-48/60 | 48/60 (38 - 72) V <sub>DC</sub> |
| INVW250-110   | 110 (88 - 132) V <sub>DC</sub>  |

### Output

|                     |                                                                    |
|---------------------|--------------------------------------------------------------------|
| Voltage             | 230V <sub>AC</sub> /115V <sub>AC</sub><br>failure tolerance +/- 5% |
| Frequency           | 50Hz/60Hz<br>sinewave processor controlled                         |
| Power               | 250VA, 200W                                                        |
| Power factor        | 0.8                                                                |
| Load range          | 0 - 100%                                                           |
| Crestfactor         | >2.0                                                               |
| Harmonic distortion | <5%                                                                |

### Signals

|                 |                                  |
|-----------------|----------------------------------|
| Optical signals | power on / PG,<br>overload / OVL |
| Signal output   | voltage free alarm contact       |

### Warranty

24 months

### Housing

|                     |                             |
|---------------------|-----------------------------|
| Material            | wall mount case<br>alu/zinc |
| Size<br>(W x D x H) | approx. 326 x 175 x 74 (mm) |
| Weight              | approx. 4.8kg               |
| Classification      | IP 20                       |
| Ventilation         | internal fan                |

### Electrical connections

|         |                                                |
|---------|------------------------------------------------|
| Input   | Power-CombiCon 3 pole<br>type: PC 4/3-G-7,62   |
| Output  | appliance outlet EN 60320                      |
| Signals | Mini-CombiCon 6 pole<br>type: MC-1,5/6 GF-3,81 |

### Order Code

e.g. INVW250-48/60 - 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                   |                        |         |

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

Options:  
1: 60Hz I<sub>OUT</sub>