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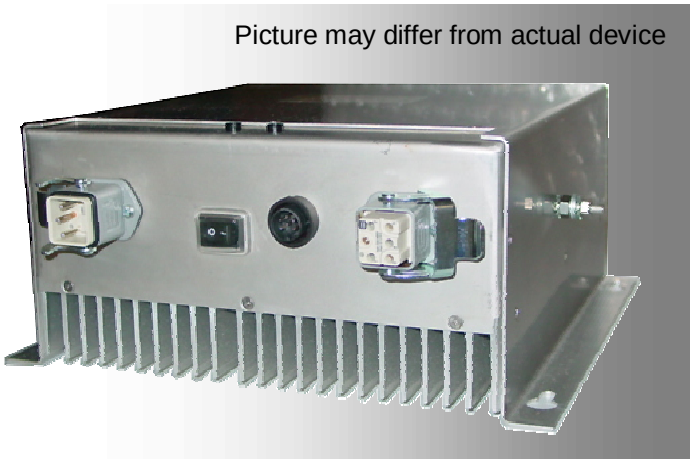
Power Innovation
Stromversorgungstechnik GmbH

let's talk!

Inverter INVW500

- **case for wall mounting**
- **small and strong**
- **without 50 Hz transformer**
- **potential free**
- **sinewave**
- **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 87%, 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 45°C non condensing

Input

INVW500-48/60	48/60 (38 - 72) V_{DC}
INVW500-110	110 (88 - 132) V_{DC}
INVW500-220	220 (178- 264) V_{DC} (upon request)

Output

Voltage	230 V_{AC} (115 V_{AC} upon request)
Frequency	50 Hz, sinewave processor controlled (60Hz upon request)
Power	500 VA, 400W
Power factor	0.8
Load range	0 - 100%
Crestfactor	>2.5
Harmonic distortion	<3%

Signals/Operation

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

Optional, upon request:

Control input	24 V_{DC} optocoupler input for remote operation

Warranty

24 months

Housing

wall mounting case

Size (W x D x H)	270 x 115 x 255 (mm)
Weight	app. 5kg
Classification	IP 54
Ventilation	convection via heatsink on wall side

Electrical connections

Connectors	bottom connectors
DC-Input	Harting connector HAN Q5, 3-pole
AC-Output	Harting connector HAN Q5, 3-pole
Signals	Binder round connector DIN 45322 (Harting HAN 80 5-pole opt.)
Earthing	via Harting HAN Q5 (DC-IN), earthing screw on the case

Order Code

e.g. INVW500-48/60 - 230 - 1

	Type	P / VA	U_{IN} / VDC	U_{OUT}/ VAC	Options
INV	W	500			
			48 / 60	230	1, 5
			110	115	
			220		

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

Options:
1: 60Hz f_{OUT}
5: HAN 80 input for remote operation

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