



### Features

- On & Off Grid operation
- Hybrid energy generating
- Independent CPU
- Built-In MPPT Solar controller
- Touch screen display
- Three languages German, English, French.
- Output power factor PF 1.0
- PV and utility power the load simultaneously.
- Energy generated record
- Load record
- History record
- History information
- Fault record
- Housing with dust filter
- Setting of AC charging start and stop time.
- Parallel operation of up to 9 Invasol II.
- CT sensor monitoring power consumption
- Wi-Fi connection enabled.



HAI-TEC GmbH, Postfach 1201, 53402 Remagen, GERMANY, Fax: +49-02636-9649586, E:sales.haitec@gmail.com, www.hai-tec.eu

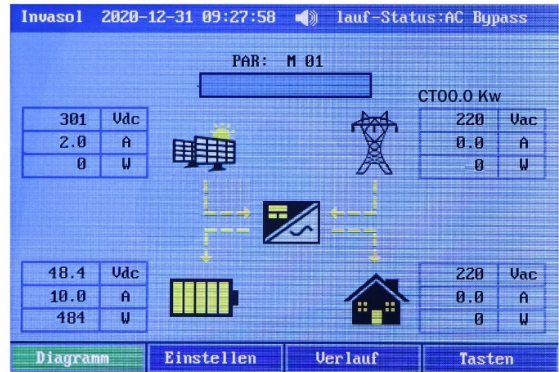


# INVASOL II

## Hybrid Operation

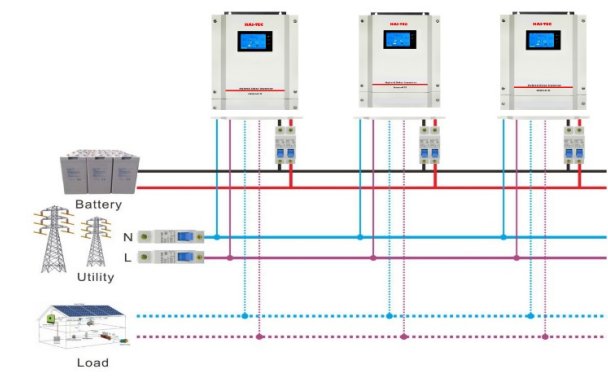
With Energy storage OR without Energy Storage

Touch Display enable a control of all 4 Energy ends of Grid, PV-Generator, Energy storage and House energy consumption.



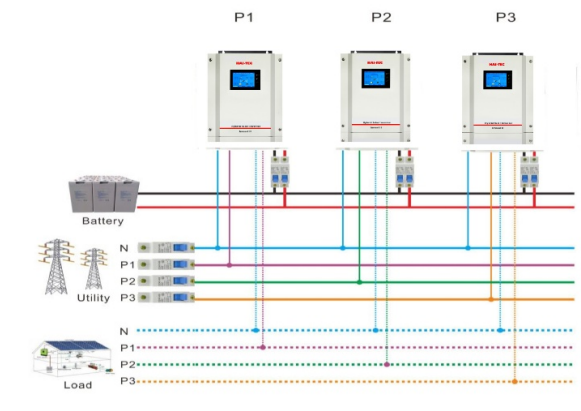
a Wi-Fi connection of Invasol II enable a remote control of all energy features.

## Increasing the Capacity by Parallel Connection of INVASOL II



Single-Phase Connction

Up to 16 Invasol II can be connected parallel



Three-Phase connection.

Up to 16 Invasol II can be connected parallel



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# INVASOL II

## Technical Specification of a new generation a Wall mounted Invasol II

Model	3.2 KW, 48 V	5.5KW, 48V
Max. PV array Power	5000W	
Rated output power	3200W	5500
PV operating voltage range	120 – 450 Vdc	
<b>ON-GRID</b>		
<b>Grid output AC</b>		
Nominal output voltage	220 / 230 / 240 Vac	
Output voltage range	184 – 265 Vac	
Normal output current	14.5 A/ 13.9 A/ 13.3 A	20.5 A/ 19.6 A/ 18.8 A
Efficiency	Up to 93%	
<b>OFF-GRD</b>		
<b>Grid Inputt</b>		
Input voltage range	120-280 Vac OR 170-280 Vac	
Frequency	50/60 Hz Auto sensing	
<b>BATTERY MODE OUTPUT AC</b>		
Nominal Output Voltage	220/230/240 Vac	
Output wave form	Pure sine wave	
<b>BATTERY &amp; CHARGER</b>		
Nominal DC Voltage	48 Vdc	
Max. AC charge current	60 A	
Max. charge current AC+PV	80 A	
<b>Emergency output power</b>		
Max. output power	3200 W	5500 W
Surge power	6400 W	11000 W
Automatic transfer time	<10ms	
<b>GENERAL</b>		
<b>INTERFACE</b>		
Parallel function	Yes	
Communication	USB OR RS 232, Wi-Fi (option), generator dry contact	
<b>ENVIRONMENT</b>		
Humidity	0 – 90 % RH (no condensing)	
Operating temperature	0 to 50 °C	
<b>OTHERS</b>		
Net weight	11.7 kg	11.9 kg
Gross weight	12.8 kg	13.2 Kg
Dimension	350 x 480 x 133 mm	

Product specification are subject to change without further notice.



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