



Features

- ☐ On & Off Grid operation
- ☐ Hybrid energy generating
- ☐ Independent CPU
- ☐ Built-In MPPT Solar controller
- ☐ Touch screen display
- ☐ Three languages Deutsch, English, français.
- ☐ 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: +49-02642-9517067, E:sales@hai-tec.eu, www.hai-tec.eu

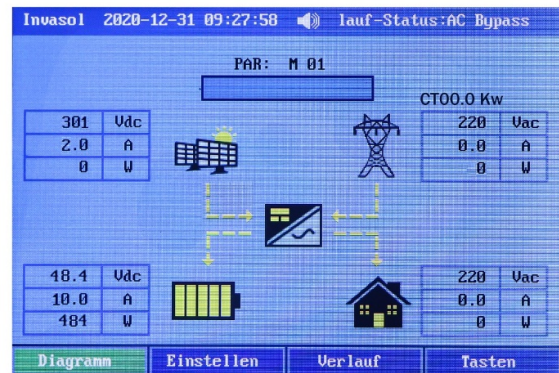


INVASOL II

Hybrid Operation

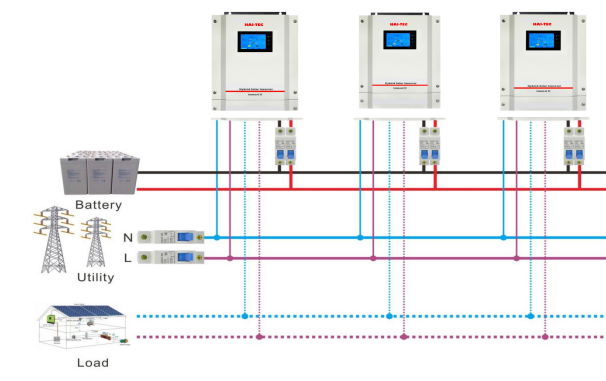
With Energy storage OR without Energy Storage

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



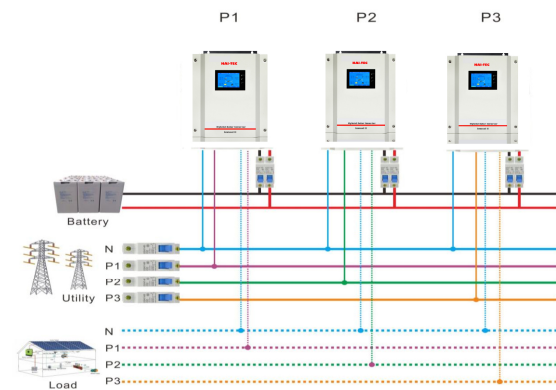
a Wi-Fi connection of Invasol II enable a remote control of all energy features.

Increasing the Capacity by Parallel Connection of INVASOL II



Single-Phase Connection

Up to 9 Invasol II can be connected parallel



Three-Phase connection.

Up to 9 Invasol II can be connected parallel



HAI-TEC

HAI-TEC GmbH, Postfach 1201, 53402 Remagen, GERMANY, Fax: +49-02642-9517067, E:sales@hai-tec.eu, www.hai-tec.eu

Solar Power Plants

HAI-TEC GmbH reserves the right to adjust specification above without notice.

V2020.2.10



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	5000
PV operating voltage range	120 – 450 Vdc	
ON-GRID		
Grid output AC		
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%	
OFF-GRD		
Grid Inputt		
Input voltage range	120-280 Vac OR 170-280 Vac	
Frequency	50/60 Hz Auto sensing	
BATTERY MODE OUTPUT AC		
Nominal Output Voltage	220/230/240 Vac	
Output wave form	Pure sine wave	
BATTERY & CHARGER		
Nominal DC Voltage	48 Vdc	
Max. AC charge current	60 A	
Max. charge current AC+PV	80 A	
Emergency output power		
Max. output power	3200 W	5500 W
Surge power	6400 W	11000 W
Automatic transfer time	<10ms	
GENERAL		
INTERFACE		
Parallel function	Yes	
Communication	USB OR RS 232, Wi-Fi (option), generator dry contact	
ENVIRONMENT		
Humidity	0 – 90 % RH (no condensing)	
Operating temperature	0 to 50 °C	
OTHERS		
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.

