



# POWERHOUSE

## Reliable Power Solutions

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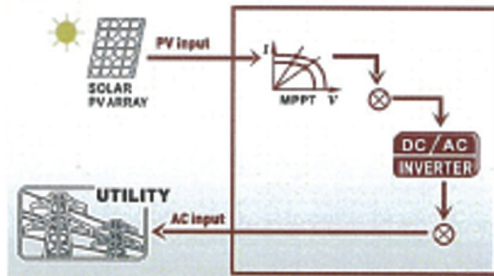
### Grid-tie PV Inverter

- Pure sinewave output
- Microprocessor controlled to guarantee stable charging system
- Multiple operations: Grid tie, Off grid and grid-tie with backup
- LCD display panel for comprehensive information
- Multiple communications
- User-adjustable charging current up to 25A
- Built-in MPPT solar charger

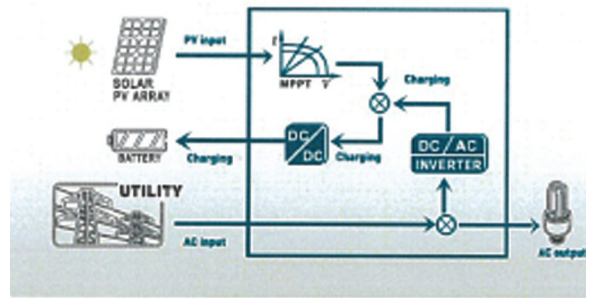


Model	GTI-3KW
Capacity	3kW
<b>DC Input</b>	
Maximum DC Voltage	500VDC
MPPT Voltage Range	110VDC - 450VDC
DC Nominal Voltage	360VDC
Start-up Voltage / Initial Feeding Voltage	125VDC / 125VDC
Maximum Input Current	13A
<b>AC Input</b>	
Nominal AC Voltage, Power Factor	220VAC, > 0.99
Acceptable Voltage Range	170 - 280VAC
Maximum Input Current	20A
Nominal AC Voltage Range	184 - 265VAC
AC Grid Frequency Range	47.5 - 50.2Hz
<b>AC Output</b>	
Output Voltage, Frequency	220VAC, 50Hz
Efficiency	90%
<b>Battery &amp; Charger</b>	
Nominal DC Voltage, Max Charging Current	48VDC, 25A
<b>Physical</b>	
Dimensions, L x W x H (mm), weight (kg)	420 x 415 x 170, 15.5kg
<b>Interface</b>	
Communication Port	RS-485/RS-232/USB
Intelligent Slot	Optional SNMP card or Modbus card available
Wireless Connection	Optional Zigbee card and wireless device available
<b>Environment</b>	
Humidity	0-90% RH (non condensing)
Operating Temperature, Altitude	-25°C - 60°C, 0-1000m

#### Grid Tie :



#### Off Grid :



All information contained in this brochure is purely indicative and can not be used to form any contractual obligations. Specification or design can be changed at any time without prior notice.

#### Grid Tie w/ backup power

