

# ThingsHifi GT

SOLAR GRID TIED INVERTER

1, 3, & 5 KVA  
GRID TIED INVERTER

BUILT IN  
ZERO EXPORT (Optional)

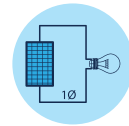
HF TRANSFORMERLESS  
DESIGN

5+ YEAR WARRANTY  
EXTENTION

PRODUCT & SYSTEM  
CERTIFICATE



Fast Auto Disconnection For  
Faults & Grid Outage



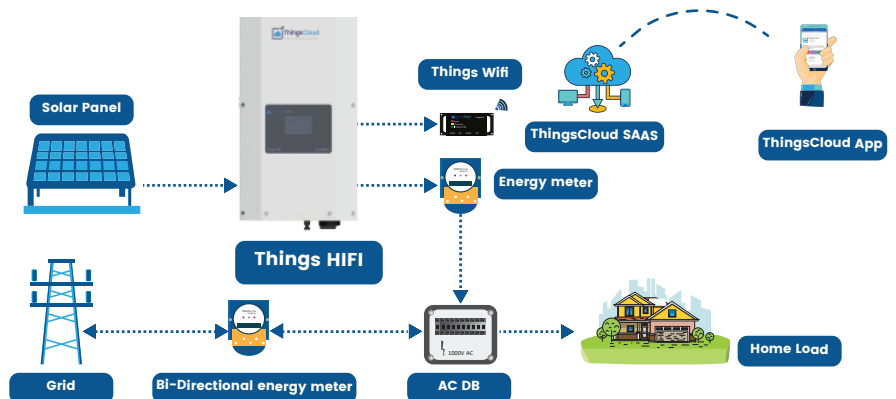
Single Phase - 1, 3, & 5 KVA  
Grid Tied Inverter.



AI For Predictive & Preventive  
Maintenance. Learn And Adapt  
To Customer Usage.



Monitor & Control Via  
ThingsCloud App & Web Access.



Parameters	ThingsHiFi 1000GT	ThingsHiFi 3000GT	ThingsHiFi 5000GT
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### SOLAR

Charge Controller rating	1000 W	3000 W	5000 W
Max I/P voltage (Voc)	200 V	450 V	450 V
MPP Voltage range	50-160 V	160-360 V	160-360 V
Max I/P Current	10 A	10 A	20 A
Start Up Voltage	40 V	150 V	150 V
No of MPPT	1	1	2

### OUTPUT

Nominal O/P Power	1000 W	3000 W	5000 W
Nominal O/P Voltage	230V,50Hz	230V,50Hz	230V,50Hz
Max Grid feed Current	5.5 A	15 A	25 A
Grid feed Voltage range	165-280 VAC	165-280 VAC	165-280 VAC
Grid feed Frequency range	45-55 Hz	45-55 Hz	45-55 Hz
Reactive Power	0.8 Resistive	0.8 Resistive	0.8 Resistive
Harmonic Distortion	<3%	<3%	<3%
No. of Phases	1	1	1

### EFFICIENCY

Peak Efficiency	>94 %	>94 %	>94 %
Stand by Power consumption	<5 W	<5 W	<5 W

### DISPLAY & COMMUNICATION

Display	128X64 Graphic LCD
Display Parameters	PV- Voltage & Current, Grid Voltage, Grid feed current, Energy generated, Energy feed to grid,Error Codes,Frequency.
Communication	RS-485
Communication Interface(Optional)	WiFi 802.11 b/g/n

### OPERATIONAL PARAMETERS

Operating Temp Range	up to +60 Deg Cel
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### MECHANICAL PARAMETERS

Dimensions	570X345X200 mm	634X350X164 mm	
Weight	15Kgs	19Kgs	22Kgs
Ingress Protection	IP65		
Recommended Mounting	Wall Mounting		

### CERTIFICATIONS

Certifications	IEC 61683, IEC 60068-2(1,2,14,30),IEC 62116, IEC/EN 62109-1: 2010, IEC/EN 62109-2: 2011, IEC 61000,IS 16169,IS 16221- 1,2, IEC 61727
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