



## INV(EU)-E GT-01 Series Single Phase Solar GTI

INV(EU)-E-2.2 GT-01    INV(EU)-E-3 GT-01    INV(EU)-E-3.3 GT-01  
INV(EU)-E-3.6 GT-01    INV(EU)-E-4 GT-01    INV(EU)-E-4.2 GT-01  
INV(EU)-E-5 GT-01    INV(EU)-E-6 GT-01



Patented cooling design



H6 topology structure



Compact with high ampere panels



AFCI optional



### Simpler

Quick and easy single person installation  
Fault codes warning view on LCD display  
Built-in limiter optional



### Safer

comply with international quality standards  
tested by TUV,BV,Dekra etc.



### Great reliability

IP65 ingress protection  
10+years R&D accumulation and support

## ANYTIME, ANYWHERE REMOTE MONITORING PLATFORM

Monitor system performance in  
real-time via smartphone app or  
web portal using our advanced  
monitoring platform .

INV TF Series Single Phase



# DATASHEET

## (Single Phase On Grid Inverter)

Model	INV(EU)-E-2.2GT-01	INV(EU)-E-3GT-01	INV(EU)-E-3.3GT-01	INV(EU)-E-3.6GT-01	INV(EU)-E-4GT-01	INV(EU)-E-4.2GT-01	INV(EU)-E-5GT-01	INV(EU)-E-6GT-01
<b>Input (DC)</b>								
Max DC Power	3300W	4500W	4950W	5400W	6000W	6300W	7500W	9000W
Max DC Voltage	550 Vd.c.							
Min System start/shut down voltage	75/100 Vd.c.							
MPPT Voltage Range	100~450 Vd.c.							
Max Input Current	18A				22A			
Max Input Short Circuit Per MPPT	25A				30A			
Number of MPP Trackers	1							
String per MPP Trackers	1							
<b>Output (AC)</b>								
Nominal Output Power (W)	2200	3000	3300	3600	4000	4200	5000	6000
Max. Output Power	2420	3300	3630	3690	4400	4620	5500	6600
Nominal output voltage/range	208,220,230,240,180~270							
AC Grid Frequency/Range (Hz)	50/60Hz(auto-selection)/ 44Hz-55Hz;54Hz-65Hz							
Max. output current	8A	16A	16A	17.22A	19.13A	20.09A	23.91A	28.7A
AC Connection (with PE)	Single Phase							
Current Distortion (THDi)	<1.5%	<1.5%	<2.5%					
Power Factor	~1% (Adjustable from 0.8 leading....0.8 lagging)							
<b>Efficiency</b>								
Max Efficiency	97.3%	97.5%	97.8%	97.8%	97.8%	97.5%	97.6%	97.6%
Euro Efficiency	97.0%	97.2%	97.3%	97.3%	97.3%	97.2%	97.3%	97.3%
MPPT Efficiency	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%
<b>Safety and Protection</b>								
DC Reverse-Polarity Protection	Yes							
Anti-islanding / Overvoltage Protection	Yes							
Short Circuit Protection	Yes							
Leakage Current Protection	Yes							
Grid monitoring/Ground fault monitoring	Yes							
DC/AC side SPD(thermally protected)	Yes							
<b>General Data</b>								
Dimensions(W/H/D)	300/294/104mm				370/318.5/105.5mm			
Weight	5kg				7kg			
Embedded DC switch	Optional							
Night power consumption	<0.2							
Isolation Type	Transformerless							
Protection Degree	IP65 according to IEC60529							
Operation Temperature	-25°C...+60°C							
Cooling Concept	Natural Convection							
Operating Altitude	<2000m without power derating							
Acoustic Noise Level	<25 db							
Display	Graphic LCD							
Communication Interface	Standard WiFi; RS485 (Optional)							
Warranty	8 Years							
<b>Standards and Compliances</b>								
CE-(EMC/LVD) : EN(IEC) 61000-1/-2/-3/; EN(IEC) 62109-1/-2, BIS, IEC 60068-2, IEC 61683:1999, IEC 61727:2004, IEC 62116:2014, IEC/EN 62109-1, IEC/EN 62109-2, IEC 61000								