



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

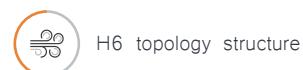
INV(EU)-E-1.5 GT-01  
INV(EU)-E-3 GT-01

INV(EU)-E-2.2 GT-01  
INV(EU)-E-3.3 GT-01

INV(EU)-E-2.7 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



Model No	INV(EU)-E-1.5GT-01	INV(EU)-E-2.2GT-01	INV(EU)-E-2.7GT-01	INV(EU)-E-3GT-01	INV(EU)-E-3.3 GT-01								
<b>DC Side / Input Parameters</b>													
Max DC power (W)	2250W	3300W	4050W	4500W	4950W								
Max DC voltage (Vdc)	550	550	550	550	550								
Min System start/Shut down voltage (Vdc)	65/70	75/100	75/100	75/100	75/100								
MPPT voltage range(Vdc)	70~450	100~450	100~450	100~450	100~450								
Max. input current (A)			18A										
Max.input short circuit per MPPT			25A										
Number of MPP trackers			1										
Strings per MPP tracker			1										
<b>AC Side / Output Parameters</b>													
Nominal output power (W)	1500	2200	2700	3000	3300								
Maximum output power (W)	1650	2420	2970	3300	3630								
Nominal output voltage/range (V)			208,220,230,240/180~270										
AC grid frequency/range (Hz)			50Hz,60Hz(auto-selection) / 44Hz-55Hz; 54Hz-65Hz										
Maximum output current (A)	6	8	12	16	16								
AC connection (with PE)			Single phase										
Current distortion(THDi)	<1.5%	<1.5%	<1.5%	<1.5%	<2.5%								
Power factor	~1%(Adjustable from 0.8 leading to 0.8 lagging)												
<b>Efficiency</b>													
Maximum conversion efficiency	97.3%	97.3%	97.4%	97.5%	97.8%								
European efficiency	97.0%	97.0%	97.1%	97.2%	97.3%								
MPPT efficiency	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 Parameters</b>													
Dimension (L/W/H)(mm)	300/294/104												
Weight (kg)	5												
Embedded DC Switch	Optional												
Night power consumption (W)	< 0.2												
Isolation type	Transformerless												
Protection degree	IP65 according to IEC60529												
Operation temperature (°C)	-25 ~ +60												
Cooling concept	Natural convection												
Operating Altitude (m)	<2000m without power derating												
Acoustic noise level (dB)	< 25												
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													