



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

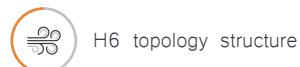
INV(EU)-E-3.6 GT-01  
INV(EU)-E-5 GT-01

INV(EU)-E-4 GT-01  
INV(EU)-E-6 GT-01

INV(EU)-E-4.2 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-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>DC Side / Input Parameters</b>								
Max DC power (W)	5400W	6000W	6300W	7500W	9000W			
Max DC voltage (Vdc)			550					
Min System start/Shut down voltage (Vdc)			75/100					
MPPT voltage range(Vdc)	100~450		100~500					
Max. input current (A)	18A		22A					
Max.input short circuit per MPPT	25A		30A					
Number of MPP trackers			1					
Strings per MPP tracker			1					
<b>AC Side / Output Parameters</b>								
Nominal output power (W)	3600	4000	4200	5000	6000			
Maximum output power (W)	3690	4400	4620	5500	6600			
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)	17.22	19.13	20.09	23.91	28.7			
AC connection (with PE)			Single phase					
Current distortion(THDi)			<2.5%					
Power factor			~1%(Adjustable from 0.8 leading to 0.8 lagging)					
<b>Efficiency</b>								
Maximum conversion efficiency	97.8%	97.8%	97.5%	97.6%	97.6%			
European efficiency	97.3%	97.3%	97.2%	97.3%	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)			370/318.5/105.5					
Weight (kg)			7					
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								

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\* The actual product may vary from the images.



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