

Residential Series



SINGLE PHASE SOLAR GTI

INV(EU)-EGT-01 Series



INV(EU)-E-1.5 GT-01

INV(EU)-E-2.0 GT-01

INV(EU)-E-2.2 GT-01

INV(EU)-E-3.0 GT-01

INV(EU)-E-3.3 GT-01

INV(EU)-E-3.6 GT-01

INV(EU)-E-4.0 GT-01

INV(EU)-E-4.2 GT-01

INV(EU)-E-5 GT-01

INV(EU)-E-6 GT-01

Key Features:

-  IP65 Rated
-  AFCI (Optional)
-  Dual Cooling System (Force + Natural)
-  Unique H6 Topology Prevents Leakage Current
-  Wide Range Of AC Grid Voltage Up To 290 Volt
-  Within 24 Hours Replacement, 365 Days Up-time



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Model	INV(EU)-E-1.5GT-01	INV(EU)-E-2.0GT-01	INV(EU)-E-2.2GT-01	INV(EU)-E-3.0GT-01	INV(EU)-E-3.3GT-01	INV(EU)-E-3.6GT-01	INV(EU)-E-4.0GT-01	INV(EU)-E-4.2GT-01	INV(EU)-E-5 GT-01	INV(EU)-E-6 GT-01
Input (DC)										
Recommended max. PV input power	2250Wp	3000Wp	3300Wp	4500Wp	4950Wp	5400Wp	6000Wp	6300Wp	7500Wp	7800Wp
Max. PV Input voltage	550V									
Min. System Start PV voltage / Start-up input	65V / 70V	75V / 100V								
Nominal PV Input voltage	450V									
MPPT Voltage Range	100V - 500V									
No. of Independent MPPT Inputs	1									
Default No. of PV Strings Per MPPT	1									
Max. PV Input Current	18A								22A	
Max. DC Short-Circuit Current	25A								30A	
Output (AC)										
Nominal AC Output Power	1500W	2000W	2200W	3000W	3300W	3600W	4000W	4200W	5000W	6000W
Max. AC Output Power	1650 VA	2200 VA	2420 VA	3300 VA	3630 VA	3960 VA	4400 VA	4620 VA	5500 VA	6600 VA
Max. AC Output Current	6A	8A	12A	16A	16.6A	17.22A	19.13A	20.09A	23.91A	28.70A
Nominal AC Output Voltage Range	220V / 230V									
AC Voltage Range	140V - 300V									
Rated Grid Frequency/Grid Frequency Range	50 Hz / 45 - 55 Hz, 60 Hz / 55 - 65 Hz									
Harmonic (THD)	< 1.5 % (at rated power)				< 2.5 % (at rated power)					
Power Factor at Rated Power / Adjustable	~1 / (Adjustable 0.8 leading - 0.8 lagging)									
Efficiency										
Max. Efficiency	97.30%		97.40%	97.50%	97.80%			97.50%	97.60%	
MPPT Efficiency	99.90%									
Protection										
Grid Monitoring	Yes									
DC Reverse Polarity Protection	Yes									
Short-Circuit Protection	Yes									
Leakage Current Protection	Yes									
Surge Protection	Yes									
DC switch	Yes									
Anti Islanding/Overvoltage Protection	Yes									
PV String Current Monitoring	Yes									
General Data										
Dimensions (Excluding Connectors)	315(H) mm * 300(W) mm * 108(D) mm								380(H) mm * 305(W) mm * 118(D) mm	
Weight	5 kg								8 kg	
MountingMethod	Wall-Mounting Bracket									
Topology	Transformerless									
Degree ofProtection	IP65 According to IEC60529									
Operating Ambient Temperature Range	-25°C - 60°C									
Allowable Relative Humidity Range (Non-Condensing)	0 - 95 %									
Cooling Method	Smart Cooling									
Max. Operating Altitude	<2000m Without Power Derating									
Display	Graphic LCD									
Communication	Wifi Standard, RS485 optional									
DC Connection Type	Mc4 Compatible Connector									
AC Connection Type	Plug and Play Connector									
Night Power Consumption (w)	<0.2									
Acoustic Noise Level (dB)	<25									
Warranty	8 Years									
Standards and Compliance										
Grid Compliance	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									