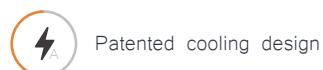




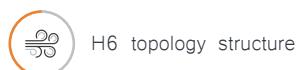
INV TF Series Three Phase Solar GTI

5.0KW/6.0KW/8.0KW/10.0KW/12.0KW

15.0KW



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 Three Phase



Model	INV 5.0 TF	INV6.0 TF	INV8.0 TF	INV10.0 TF	INV12.0 TF	INV15.0 TF
Input(DC)						
Max DC power	6500W	7500W	9500 W	11500 W	18000W	22500W
Max DC voltage				1000 Vd.c.		
Min working voltage				250 Vd.c.		
MPPT voltage range				160 ... 850 Vd.c.		
Max.input MPPT current				18A/18A		
Max.input short circuit per MPPT				25A/25A		
Number of MPP trackers				2		
Strings per Mpp tracker				1		
Output(AC)						
AC nominal power (W)	5000	6000	8000	10000	12000	15000
Max AC apparent power(VA)	6000	7000	8800	11000	13200	16500
Max output current(A)	7.25	8.7	11.6	14.5	17.4	21.74
Nominal AC output				50/60 Hz ; 400 Vac		
AC output range				45/55 Hz ; 280~490 Vac (Adj)		
Power factor				0.8leading ... 0.8lagging		
Harmonics				< 5%		
Grid type				3W/N/PE		
Efficiency						
Max efficiency	98.2%	98.2%	98.3%	98.4%	98.4%	99.5%
Euro efficiency	97.7%	97.7%	97.8%	97.9%	97.9%	98.0%
MPPT efficiency	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%
Safety and protection						
DC reverse-polarity protection				yes		
DC breaker				yes		
DC/AC SPD				yes		
Leakage current protection				yes		
Insulation Impedance Detection				yes		
Residual Current protection				yes		
General Data						
Dimensions(W/H/D)				480/476/157 mm		
Weight				16 kg		
Operating temperature range				-25 °C ... +60 °C		
Degree of protection				IP65		
Cooling concept				Smart Cooling		
Topology				Transformerless		
Display				LCD		
Humidity				0-95% ,no condensation		
Communication				RS485/WiFi/GPRS		
Warranty:				8 years		
Standards and Compliances						
CQC, VDE-AR-N4105,VDE0126-1-1, AS4777, IEC61727, IEC62116, BIS, IEC 60068-2, IEC 61683:1999, IEC 61727:2004, IEC 62116:2014, IEC/EN 62109-1, IEC/EN 62109-2, IEC 61000						