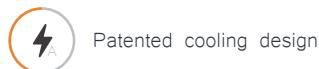




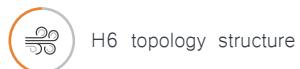
INV TF Series

Three Phase Solar GTI

18.0KW/20.0KW/25.0KW



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	INV18.0 TF	INV20.0 TF	INV25.0 TF
Input(DC)			
Max DC power	27000W	30000W	30000W
Max DC voltage		1000 Vd.c.	
Min working voltage		250 Vd.c.	
MPPT voltage range		200 ... 850 Vd.c.	
Max input current / per string (A)	26A/26A	36A/26A	
Max.input short circuit per MPPT	34A/34A	46A/34A	
Number of MPP trackers		2	
Number of input string		1	
Output(AC)			
AC nominal power (W)	18000	20000	25000
Max AC apparent power(VA)	19800	22000	27500
Max output current(A)	26.1	29	36.23
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		<1.5%	
Grid type		3W/N/PE	
Efficiency			
Max efficiency	98.5%	98.5%	98.5%
Euro efficiency	98.1%	98.1%	98.2%
MPPT efficiency	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)	520/ 510/160 mm		
Weight	23kg		
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			