

T SERIES(G3)

THREE-PHASE INVERTER

The T Series(G3) inverter range is designed for three-phase residential and small-scale commercial installations, delivering unrivalled performance and versatility for increased yield potential and extended generation windows.



3kW ...➡➡➡ 25kW



HIGH PERFORMANCE

Low start-up voltage, wide voltage range, 98.6% maximum efficiency.



EASY INSTALLATION

Flexible configuration, plug and play set-up.



IP65 RATED

Engineered to last with maximum flexibility. Suitable for outdoor installation.



REMOTE MONITORING

- Monitor your system remotely via smartphone App or Web portal.
- AI assistant helps better understand and manage your system.



Advanced System Monitoring
with **FoxCloud 2.0**



TECHNICAL SPECIFICATIONS

MODEL	T3-G3	T4-G3	T5-G3	T6-G3	T8-G3	T10-G3	T12-G3	T15-G3	T17-G3	T20-G3	T23-G3	T25-G3	
PV INPUT													
Max. Input Power [W]	4500	6000	7500	9000	12000	15000	18000	22500	25500	30000	34500	37500	
Max. Input Voltage [V]	1100												
Start-up Input Voltage [V]	140												
Rated Input Voltage [V]	600												
MPPT Operating Voltage Range [V]	140 ~ 1000												
Max. Input Current [A]	14	14	14	14	14	14	14	28	28	28	28	28	
Max. Short-circuit Current [A]	18.2	18.2	18.2	18.2	18.2	18.2	18.2	36.4	36.4	36.4	36.4	36.4	
No. of Independent MPP Trackers	2												
No. of Strings per MPP Tracker	1+1	1+1	1+1	1+1	1+1	1+1	1+1	2+2	2+2	2+2	2+2	2+2	
AC OUTPUT													
Rated Output Power [W]	3000	4000	5000	6000	8000	10000	12000	15000	17000	20000	23000	25000	
Max. Output Apparent Power [VA]	3300	4400	5500	6600	8800	11000	13200	16500	18700	22000	25300	27500	
Rated Grid Voltage [V]	3/N/PE, 220/380, 230/400, 240/415												
Rated Grid Frequency [Hz]	50/60												
Rated Output Current [A]	4.5	6.1	7.6	9.1	12.1	15.2	18.2	22.7	25.8	30.3	34.8	37.9	
Max. Output Current [A]	4.8	6.4	8.0	9.6	12.8	15.9	19.1	23.9	27.1	31.9	36.7	39.9	
Power Factor	1 (Adjustable from 0.8 leading to 0.8 lagging)												
THDi [%]	<3												
EFFICIENCY													
MPPT Efficiency [%]	99.8												
European Efficiency [%]	97.8												
Max. Efficiency [%]	98.6												
PROTECTION													
Insulation Monitoring	YES												
Residual Current Monitoring	YES												
PV String Current Monitoring	Yes							Optional					
DC Reverse Polarity Protection	YES												
Anti-islanding Protection	YES												
AC Short-circuit Protection	YES												
AC Overcurrent Protection	YES												
AC Overvoltage Protection	YES												
Surge Protection	DC/AC: Type II												
DC Switch	Optional												
AFCI	Optional												
GENERAL DATA													
Dimensions (W*H*D) [mm]	370*480*183.5												
Weight [kg]	17	17	17	17	17	17	17	20	20	20	21	21	
Cooling Method	Natural Convection							Fan					
Topology	Transformerless												
Noise Emission (typical) [dB]	<30	<30	<30	<30	<30	<30	<30	<55	<55	<55	<55	<55	
Max. Operating Altitude [m]	3000												
Operating Temperature Range [°C]	-25 ~ 60												
Humidity [%]	0 ~ 100 (No Condensation)												
Ingress Protection	IP65												
Internal Consumption at Night [W]	<3												
Monitoring Module	WIFI / 4G (Optional)												
Communication	RS485, Meter, DRM, Estop												
Display	LCD, Touch Key, App, Website												
STANDARD COMPLIANCE (MORE AVAILABLE UPON REQUEST)													
Safety	EN 62109-1/2, BIS IS 16169, BIS IS 16221-1/2												
EMC	EN 61000-6-1/2/3/4												
Grid Regulation	AS/NZS-4777.2, C10/I1, EN50549-1, PN EN-50549-1, VDE-AR- N4105, RD 1699, CEI 0-21, NB/T 32004, VDE V 0126-1-1, UTE C 15-712-1												