

Tyon+G

Grid-tied Inverter



Large-size LCD Display



Power Output Limitation



Compact and Easy to Install



Wi-Fi/GPRS/LAN
Communication Optional



Simpler

Quick and convenient
one-person installation
Fault code display on LCD screen,
power limit optional



Safer

Compliant with international
quality standards
Tested by TUV, BV, Dekra, etc.



More Reliable

IP65 protection rating
Over 10 years
R&D and service support

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Specification

Model	Tyon+G1	Tyon+G2	Tyon+G3	Tyon+G4	Tyon+G5	Tyon+G6	Tyon+G7	Tyon+G8	Tyon+G9	Tyon+G10
DC Input										
Max. Recommended PV Power (W)	5500W	6500W	7500W	9500W	11500W	18000W	22500W	25500W	30000W	30000W
Max. DC Voltage (VDC)	1000							1000		
Max. DC Current (VDC)	160							250		
MPPT Voltage Range (VDC)	160 – 850							200 – 850		
MPPT Voltage Range (VDC)	18A/18A							26A/26A		36A/26A
Max. Input Current (A)	25A/25A							34A/34A		46A/34A
Number of MPPT Trackers	2							2		
Number of Strings per MPPT Tracker	1							2		
AC Output (On-grid)										
Rated AC Output Power (W)	4000	5000	6000	8000	10000	12000	15000	17000	20000	25000
Max. AC Output Current (A)	5000	6000	7000	8800	11000	13200	16500	18700	22000	27500
Max. AC Output Current (A)	8	10	12	15	17	20	23	25	30	36
Rated Grid Voltage	50/60 Hz; 400 Vac									
Grid Voltage Range	45/55 Hz; 280 – 490 Vac (adjustable)									
Power Factor	0.8 leading ... 0.8 lagging									
THD	< 5%							< 1.5%		
Grid Type	3 W/N/PE									
Efficiency										
Max. Efficiency	98.0%	98.2%	98.2%	98.3%	98.4%	98.4%	98.4%	98.5%	98.5%	98.5%
European Efficiency	97.5%	97.7%	97.7%	97.9%	97.9%	97.9%	98.0%	98.1%	98.1%	98.2%
MPPT Efficiency	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%
Protection										
Anti-islanding Protection	Yes									
DC Reverse Polarity Protection	Yes									
DC/AC Surge Protection	Yes									
Leakage Current Protection	Yes									
Grid Monitoring	Yes									
Residual Current Protection	Yes									
General Data										
Dimensions (W*H*D, mm)	480*476*157							520*510*160		
Weight (kg)	16							23		
Operating Temperature Range	-25 – +60									
Ingress Protection	IP65									
Cooling Method	Smart Cooling									
Topology	Transformerless									
Display	LCD Display									
Humidity	0–95% RH, Non-condensing									
Communication	RS485/WIFI/GPRS									
Warranty	Standard: 5 years; Optional: 7/10 years									



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