



G SERIES

THREE MPPT INVERTERS

G7 / G8 / G9 / G10 / G10.5



High Performance

Low start-up voltage, wide voltage range, 97.8% 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.

ANYTIME, ANYWHERE REMOTE MONITORING PLATFORM

Monitor system performance in real-time via smartphone app or web portal using our advanced monitoring platform.



THE G SERIES



For more about the Fox ESS range of single-phase inverters, visit:

WWW.FOX-ESS.COM



TECHNICAL SPECIFICATIONS

Model	G7	G8	G9	G10	G10.5
INPUT					
PV					
Max. Input Power [W]	10500	12000	13500	15000	15750
Max. /Min. Input Voltage [V]	600/80	600/80	600/80	600/80	600/80
Start-up Input Voltage [V]	120	120	120	120	120
Rated Input Voltage [V]			360		
MPPT Operating Voltage Range [V]			80 ~ 550		
Max. Input Current [A]			14		
Max. Short-circuit Current [A]			18		
No. of Independent MPP Trackers	3	3	3	3	3
No. of Strings per MPP Tracker	1	1	1	1	1
OUTPUT					
AC					
Rated Output Apparent Power [VA]	7000	8000	9000	10000	10500
Max. Output Apparent Power [VA]	7700	8800	9900	10500	10500
Rated Grid Voltage [V]			220/230/240		
Rated Grid Frequency [Hz]			50/60		
Rated Output Current [A]	30.4	34.8	39.1	43.5	45.7
Max. Output Current [A]	33.5	38.3	43.0	45.7	47.7
Power Factor		1 (Adjustable from 0.8 leading to 0.8 lagging)			
Total Harmonic Distortion (THDi) [%]			<3		
EFFICIENCY					
MPPT Efficiency [%]			99.00		
Euro-efficiency [%]			97.40		
Max. Efficiency [%]			97.80		
PROTECTION					
Insulation Monitoring			YES		
Residual Current Monitoring			YES		
DC Reverse Polarity Protection			YES		
Anti-islanding Protection			YES		
AC Short-circuit Protection			YES		
AC Overcurrent Protection			YES		
AC Overvoltage Protection			YES		
Surge Protection			Optional (DC/AC: Type II)		
DC Switch			Optional		
AFCI			Optional		
GENERAL DATA					
Dimensions (WxHxD) [mm]			440*380*167		
Weight[kg]			19		
Cooling Method			Natural Convection		
Topology			Transformerless		
Noise Emission (typical) [dB]			<30		
Max. Operating Altitude [m]			3000		
Operating Temperature Range [°C]			-25 ~ 60		
Humidity [%]			0 ~ 100 (No Condensation)		
Protection Degree			IP65		
Internal Consumption at Night [W]			<1		
Monitoring Module			WIFI / 4G (Optional)		
Communication			RS485, Meter/CT, DRM		
Display			LCD, Touch Key, App, Website		
Country Of Manufacture			China		
STANDARD COMPLIANCE (MORE AVAILABLE UPON REQUEST)					
Safety			EN 62109-1/2		
EMC			EN 61000-6-3, EN IEC 61000-6-1, IEC 61000-6-1/3		
Grid Regulation			AS/NZS-4777.2, ABNT NBR 16149, ABNT NBR 16150, ABNT NBR IEC 62116, NB/T 32004, G99		