



# G SERIES

## THREE MPPT INVERTERS



### 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.



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

[WWW.FOX-ESS.COM](http://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				
Start-up Input Voltage [V]	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				
No. of Strings per MPP Tracker	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				
Ingress Protection	Ingress Protection	Optional			
GENERAL DATA					
Dimensions (W*H*D) [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 )				
Ingress Protection	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				