

Model	G7	G8	G9	G10	G10.5
<b>INPUT</b>					
<b>PV</b>					
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
<b>OUTPUT</b>					
<b>AC</b>					
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				
<b>EFFICIENCY</b>					
MPPT Efficiency [%]				99.00	
Euro-efficiency [%]				97.40	
Max. Efficiency [%]				97.80	
<b>PROTECTION</b>					
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	
<b>GENERAL DATA</b>					
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				
<b>STANDARD COMPLIANCE (MORE AVAILABLE UPON REQUEST)</b>					
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				