

## TECHNICAL SPECIFICATION

Model	
Model	GF-MAC230A
Input Data (DC)	
Recommended Input Power (STC)	250W (100Wp to 280Wp)
DC voltage operating range	20V~50V
MPPT Voltage Range	24V~40V
Maximum DC Current	10.4A
Output Data (AC)	
Rated AC Power @ 25°C	235W
Rated AC Current	1.02A
AC voltage Range	230V/184V~264V
AC frequency	50Hz/47Hz~51Hz
Power Factor	>0.99
Current THD	<3.5%
Maximum Units Per Branch	16
Efficiency	
Peak Inverter Efficiency	95.2%
CEC Weighted Efficiency	94.1%
Nighttime Power Consumption	<170mW
Mechanical Data	
Enclosure Environmental Rating	Outdoor - IP65/NEMA6
Operating Temperature Range	-40°C~+65°C
Dimensions (WxHxD)	230mm x 195mm x 35mm
Weight	2.44kg
Features	
Microinverter chain interconnection	Only a string termination cable is required
PV Panel type	Mono/Polycrystalline Si 60/72 cells*
PV Panel DC connector	MC4
Communication	PLCC with eGate/eLog unit
Compliance	UL1741/IEEE1547 - CE - EN50438 - ENEL - VDE0126 - G83/1- CQC - AS4777
Warranty	25 Years