

XS G3 Series

0.7-3.3kW | Single Phase | 1 MPPT

GoodWe XS G3 Series is a residential solar inverter that is designed for maximum convenience and efficiency. It is incredibly lightweight, weighing only 4.6kg and is as compact as an A4 paper, facilitating effortless installation and handling. It boasts an impressive 200% DC input oversizing and a maximum efficiency of 97.6%, ensuring maximum performance and energy generation for homeowners. In addition to its high efficiency, the inverter also offers a quiet operation with <20dB noise levels and IP66 ingress protection. Multiple communication options are supported for easy integration into a smart home system.



Smart Control & Monitoring

- 24/7 load consumption monitoring
- Export power limit



Friendly & Thoughtful Design

- Fanless design for quiet operation
- A4 size with lightweight



Superb Safety & Reliability

- IP66 ingress protection
- Optional AFCI¹
- Optional Type II SPD on both DC & AC sides¹



High Power Generation

- Max. 16A DC input current per string
- 200% DC input oversizing

¹: Optional functions or devices are purchased separately.

Technical Data	GW700-XS-30	GW1000-XS-30	GW1500-XS-30	GW2000-XS-30	GW2500-XS-30	GW3000-XS-30	GW3300-XS-30
Input							
Max. Input Voltage (V)	600						
MPPT Operating Voltage Range (V)	40 ~ 450						
Start-up Voltage (V)	50						
Nominal Input Voltage (V)	360						
Max. Input Current per MPPT (A)	16						
Max. Short Circuit Current per MPPT (A)	25						
Number of MPP Trackers	1						
Number of Strings per MPPT	1						
Output							
Nominal Output Power (W)	700	1000	1500	2000	2500	3000	3300
Nominal Output Apparent Power (VA)	700	1000	1500	2000	2500	3000	3300
Max. AC Active Power (W)	700	1000	1500	2000	2500	3000	3300
Max. AC Apparent Power (VA)	700	1000	1500	2000	2500	3000	3300
Nominal Output Voltage (V)	220 / 230 / 240, L / N / PE						
Output Voltage Range (V)	154 ~ 288 (according to local standard)						
Nominal AC Grid Frequency (Hz)	50 / 60						
AC Grid Frequency Range (Hz)	45 ~ 55 / 57 ~ 63						
Max. Output Current (A)	3.2	4.6	6.9	9.1	11.4	13.7	15.0
Power Factor	~1 (Adjustable from 0.8 leading to 0.8 lagging)						
Max. Total Harmonic Distortion	<3%						
Efficiency							
Max. Efficiency	97.0%	97.1%	97.2%	97.6%	97.6%	97.6%	97.6%
European Efficiency	93.2%	95.0%	96.0%	96.8%	97.0%	97.1%	97.1%
Protection							
PV String Current Monitoring	Integrated						
PV Insulation Resistance Detection	Integrated						
Residual Current Monitoring	Integrated						
PV Reverse Polarity Protection	Integrated						
Anti-islanding Protection	Integrated						
AC Overcurrent Protection	Integrated						
AC Short Circuit Protection	Integrated						
AC Overvoltage Protection	Integrated						
DC Switch	Integrated						
DC Surge Protection	Type III (Type II Optional)						
AC Surge Protection	Type III (Type II Optional)						
AFCI	Optional						
Remote Shutdown	Optional						
Power Supply at Night	Integrated						
General Data							
Operating Temperature Range (°C)	-25 ~ +60						
Relative Humidity	0 ~ 100%						
Max. Operating Altitude (m)	4000						
Cooling Method	Natural Convection						
User Interface	LED, LCD (Optional), WLAN + APP						
Communication	RS485, WiFi, LAN or 4G or Bluetooth (Optional)						
Communication Protocols	Modbus-RTU (SunSpec Compliant), ModBus TCP (Optional)						
Weight (kg)	4.6						
Dimension (WxHxD mm)	306 × 218 × 119						
Noise Emission (dB)	<20						
Topology	Non-isolated						
Self-consumption at Night (W)	<3						
Ingress Protection Rating	IP66						
DC Connector	MC4 (4 ~ 6mm ²)						
AC Connector	Plug and Play Connector						

*: Please visit GoodWe website for the latest certificates.

*: All pictures shown are for reference only. Actual appearance may vary.