

GOODWE

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 (W×H×D 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 ~ 6mm²)				
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.