GOODWE



XS G3 Series

0.7-3.3kW I Single Phase I 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 AFCI[1]
· Optional Type II SPD on both DC & AC sides[1]

High Power Generation

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

1: Optional functions or devices are purchased separately.

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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	40 ~ 450	40 ~ 450	40 ~ 450	40 ~ 550	40 ~ 550	40 ~ 550
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*1				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 ~ 6mm^2)			
AC Connector				Plug and Play Connector			

*1: This product only supports AC power supply, not PV power supply.
*: Please visit GoodWe website for the latest certificates.
*: All pictures shown are for reference only. Actual appearance may vary.

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