



Compact and silent inverter for modern homes

- ✓ Maximised energy output
- ✓ Modern and compact design
- ✓ Smart and efficient operation
- ✓ Highest safety standards

Designed for high energy yields and silent operation, the XS G3 series is an ultra-small solar inverter for residential PV systems. Installed in the house or on an outside wall, it supports multiple smart home integration protocols and is compatible with high-power modules, catering up to 16A. Additional functionalities, including power export limiting and 24h load monitoring, can be provided with GoodWe accessories.

 Increased yield (110% AC power)

 Low start-up voltage

 Compact and lightweight



Technical Data	GW700- XS-30	GW1000- XS-30	GW1500- XS-30	GW2000- XS-30	GW2500- XS-30	GW3000- 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
Nominal Output Apparent Power (VA)	700	1000	1500	2000	2500	3000
Max. AC Active Power (W)	700	1000	1500	2000	2500	3000
Max. AC Apparent Power (VA)	700	1000	1500	2000	2500	3000
Nominal Output Voltage (V)	220 / 230 / 240, L / N / PE					
Output Voltage Range (V) (According to local standard)	154 ~ 288					
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
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%
European Efficiency	93.2%	95.0%	96.0%	96.8%	97.0%	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				Integrated		
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 x H x D mm)	306 x 218 x 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.