

GOODWE

XS PLUS+ Series

0.7-3kW | Single Phase | 1 MPPT

GoodWe XS Plus+ series is an ultra-small residential solar inverter specifically designed to bring comfort and quiet operation as well as high efficiency to households. Its capacity ranges from 0.7kW to 3.0kW and its most outstanding characteristic is lightweight, which is only 5.8kg and as well as its extremely compact size equivalent to an A4 paper, that make it particularly easy to carry & install. Remarkably, it offers 130% of DC input oversizing, and it's able to achieve maximum European efficiency of 97.2% for maximum performance. Conveniently, the communication options available on this inverter are both LAN and Wi-Fi for smart home integration.



Smart Control & Monitoring

- Load consumption monitoring
- Power export limit



High Power Generation

- Up to 15A max. DC input current per string
- 40V start-up voltage



Superb Safety & Reliability

- IP65 ingress protection
- Quality and robust components



Friendly & Thoughtful Design

- Fanless design for quiet operation
- A4 size with light weight

Technical Data	GW700-XS-11	GW1000-XS-11	GW1500-XS-11	GW2000-XS-11	GW2500-XS-11	GW3000-XS-11
Input						
Max. Input Power (W)	945	1350	2025	2700	3375	4050
Max. Input Voltage (V)	500	500	500	500	600	600
MPPT Operating Voltage Range (V)**	40 ~ 450	40 ~ 450	50 ~ 450	50 ~ 450	50 ~ 550	50 ~ 550
Start-up Voltage (V)	40	40	50	50	50	50
Nominal Input Voltage (V)				360		
Max. Input Current per MPPT (A)				15		
Max. Short Circuit Current per MPPT (A)				18.75		
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)	800	1100	1650	2200	2750	3300
Max. AC Apparent Power (VA)	800	1100	1650	2200	2750	3300
Nominal Output Voltage (V)	230	230	230	230	220 / 230	220 / 230
Output Voltage Range (V)				154 ~ 288		
Nominal AC Grid Frequency (Hz)				50 / 60		
AC Grid Frequency Range (Hz)				45 ~ 55 / 57 ~ 63		
Max. Output Current (A)	3.5	4.8	7.2	9.6	12	14.3
Power Factor			~ 1 (Adjustable from 0.8 leading to 0.8 lagging)			
Max. Total Harmonic Distortion				<3%		
Efficiency						
Max. Efficiency	97.2%	97.2%	97.3%	97.5%	97.6%	97.6%
European Efficiency	96.0%	96.4%	96.6%	97.0%	97.2%	97.2%
Protection						
PV Insulation Resistance Detection				Integrated		
Residual Current Monitoring				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		
AFCI				Optional		
General Data						
Operating Temperature Range (°C)				-25 ~ +60		
Relative Humidity				0 ~ 100%		
Max. Operating Altitude (m)				3000		
Cooling Method				Natural Convection		
User Interface				LED, LCD, WLAN + APP		
Communication				WiFi or LAN or RS485 (Optional)		
Weight (kg)				5.8		
Dimension (W x H x D mm)				295 x 230 x 113		
Noise Emission (dB)	<25	<25	<25	<25	<30	<30
Topology				Non-isolated		
Self-consumption at Night (W)				<1		
Ingress Protection Rating				IP65		
DC Connector				MC4 (2.5 ~ 4mm ²)		
AC Connector				Plug and play connector		
Country of Manufacture				China		

*: Please visit GoodWe website for the latest certificates.

**:: Please refer to the user manual for the MPPT Voltage Range at Nominal Power.