


GOODWE


Compact and silent inverter for modern homes

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

Designed for high energy yields and silent operation, the XS PLUS+ series is an ultra-small solar inverter for residential PV systems. Installed inside the house or on an outside wall, it supports multiple smart home integration protocols and is compatible with high-power modules, catering up to 15A. Additional functionalities, including power export limiting and load monitoring, can be provided with the GoodWe HomeKit 1000.

 Increased yield (110% AC power)

 Low start-up voltage

 Compact and lightweight



XS PLUS+ Series

String Inverter | 0.7 – 3kW | 1 MPPT | Single Phase

EMEA

Technical Data	GW700-XS-11	GW1000-XS-11	GW1500-XS-11	GW2000-XS-11	GW2500-XS-11	GW3000-XS-11
Input						
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 ^{*1}	1100 ^{*1}	1650 ^{*1}	2200 ^{*1}	2750 ^{*1}	3300 ^{*1}
Max. AC Apparent Power (VA)	800 ^{*1}	1100 ^{*1}	1650 ^{*1}	2200 ^{*1}	2750 ^{*1}	3300 ^{*1}
Nominal Output Voltage (V)	230	230	230	230	220 / 230	220 / 230
Nominal AC Grid Frequency (Hz)				50 / 60		
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 Unit				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		
Remote Shutdown				Integrated		
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 × H × D mm)				295 × 230 × 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		

*1: For Belgium, Max. Output Apparent Power (VA) and Max. AC Active Power (W): GW700-XS-11 is 700, GW1000-XS-11 is 1000, GW1500-XS-11 is 1500, GW2000-XS-11 is 2000, GW2500-XS-11 is 2500, GW3000-XS-11 is 3000.

*: Please visit GoodWe website for the latest certificates.