

# XS Series

Single MPPT, Single Phase



Technical Data	GW1500-XS	GW2000-XS	GW2500-XS	GW3000-XS
<b>PV String Input Data</b>				
Max. DC Input Power (W)	2000	2660	3350	4000
Max. DC Input Voltage (V)	500	500	500	500
MPPT Range (V)	50~450	50~450	50~450	50~450
Start-up Voltage (V)	50	50	50	50
Min. Feed-in Voltage(V)	75	75	75	75
Nominal DC Input Voltage (V)	360	360	360	360
Max. Input Current (A)	12.5	12.5	12.5	12.5
Max. Short Current (A)	15.6	15.6	15.6	15.6
No. of MPP Trackers	1	1	1	1
No. of Input Strings per Tracker	1	1	1	1
<b>AC Output Data</b>				
Nominal Output Power (W)	1500	2000	2500	3000
Max. Output Apparent Power (VA)	1650*1	2200*1	2750*1	3300*1
Nominal Output Voltage (V)	230	230	230	230
Nominal Output Frequency (Hz)	50/60	50/60	50/60	50/60
Max. Output Current (A)	7.2	9.6	12	14.3
Output Power Factor	~1 (Adjustable from 0.8 leading to 0.8 lagging)			
Output THDi (@Nominal Output)	<3%	<3%	<3%	<3%
<b>Efficiency</b>				
Max. Efficiency	97.3%	97.5%	97.6%	97.6%
European Efficiency	96.6%	97.0%	97.2%	97.2%
<b>Protection</b>				
Anti-Islanding Protection	Integrated	Integrated	Integrated	Integrated
Input Reverse Polarity Protection	Integrated	Integrated	Integrated	Integrated
Insulation Resistor Detection	Integrated	Integrated	Integrated	Integrated
DC SPD Protection	Integrated (Type III)			
AC SPD Protection	Integrated (Type III)			
Residual Current Monitoring Unit	Integrated	Integrated	Integrated	Integrated
Output Over Current Protection	Integrated	Integrated	Integrated	Integrated
Output Short Protection	Integrated	Integrated	Integrated	Integrated
Output Over Voltage Protection	Integrated	Integrated	Integrated	Integrated
<b>General Data</b>				
Operating Temperature Range (°C)	-25~60	-25~60	-25~60	-25~60
Relative Humidity	0~100%	0~100%	0~100%	0~100%
Operating Altitude (m)	≤4000	≤4000	≤4000	≤4000
Cooling	Natural Convection			
User Interface	LCD & LED	LCD & LED	LCD & LED	LCD & LED
Communication	WiFi*2 or LAN	WiFi*2 or LAN	WiFi*2 or LAN	WiFi*2 or LAN
Weight (kg)	5.8	5.8	5.8	5.8
Size (Width*Height*Depth mm)	295*230*113	295*230*113	295*230*113	295*230*113
Protection Degree	IP65	IP65	IP65	IP65
Night Self Consumption (W)	<1	<1	<1	<1
Topology	Transformerless			

\*1: For Belgium Max. Output Apparent Power (VA): GW1500-XS is 1500; GW2000-XS is 2000; GW2500-XS is 2500; GW3000-XS is 3000.

\*2: Only compatible with 2.4Ghz network.

\*: Please visit GoodWe website for the latest certificates.