

# XS Series

Single MPPT, Single Phase



| Technical Data                    | GW700-XS  | GW1000-XS          | GW1500-XS          | GW2000-XS          | GW2500-XS          | GW3000-XS          |
|-----------------------------------|---|--------------------|--------------------|--------------------|--------------------|--------------------|
| <b>PV String Input Data</b>       |   |                    |                    |                    |                    |                    |
| Max. DC Input Power (W)           | 910   | 1300               | 1950               | 2600               | 3250               | 3900               |
| Max. DC Input Voltage (V)         | 500   | 500                | 500                | 500                | 500                | 500                |
| MPPT Range (V)                    | 40~450  | 40~450             | 50~450             | 50~450             | 50~450             | 50~450             |
| Start-up Voltage (V)              | 40  | 40                 | 50                 | 50                 | 50                 | 50                 |
| Min. Feed-in Voltage(V)           | 50  | 50                 | 75                 | 75                 | 75                 | 75                 |
| Nominal DC Input Voltage (V)      | 360   | 360                | 360                | 360                | 360                | 360                |
| Max. Input Current (A)            | 12.5  | 12.5               | 12.5               | 12.5               | 12.5               | 12.5               |
| Max. Short Current (A)            | 15.6  | 15.6               | 15.6               | 15.6               | 15.6               | 15.6               |
| No. of MPP Trackers               | 1   | 1                  | 1                  | 1                  | 1                  | 1                  |
| No. of Input Strings per Tracker  | 1   | 1                  | 1                  | 1                  | 1                  | 1                  |
| <b>AC Output Data</b>             |   |                    |                    |                    |                    |                    |
| Nominal Output Power (W)          | 700   | 1000               | 1500               | 2000               | 2500               | 3000               |
| Max. Output Apparent Power (VA)   | 770* <sup>1</sup>                               | 1100* <sup>1</sup> | 1650* <sup>1</sup> | 2200* <sup>1</sup> | 2750* <sup>1</sup> | 3300* <sup>1</sup> |
| Nominal Output Voltage (V)        | 230   | 230                | 230                | 230                | 230                | 230                |
| Nominal Output Frequency (Hz)     | 50/60   | 50/60              | 50/60              | 50/60              | 50/60              | 50/60              |
| Max. Output Current (A)           | 3.5   | 4.8                | 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%                | <3%                | <3%                |
| <b>Efficiency</b>                 |   |                    |                    |                    |                    |                    |
| 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%              |
| <b>Protection</b>                 |   |                    |                    |                    |                    |                    |
| Anti-Islanding Protection         | Integrated                                      | Integrated         | Integrated         | Integrated         | Integrated         | Integrated         |
| Input Reverse Polarity Protection | Integrated                                      | Integrated         | Integrated         | Integrated         | Integrated         | Integrated         |
| Insulation Resistor Detection     | Integrated                                      | Integrated         | Integrated         | Integrated         | Integrated         | Integrated         |
| DC SPD Protection                 | Integrated (Type III)                           |                    |                    |                    |                    |                    |
| AC SPD Protection                 | Integrated (Type III)                           |                    |                    |                    |                    |                    |
| Residual Current Monitoring Unit  | Integrated                                      | Integrated         | Integrated         | Integrated         | Integrated         | Integrated         |
| Output Over Current Protection    | Integrated                                      | Integrated         | Integrated         | Integrated         | Integrated         | Integrated         |
| Output Short Protection           | Integrated                                      | Integrated         | Integrated         | Integrated         | Integrated         | Integrated         |
| Output Over Voltage Protection    | Integrated                                      | Integrated         | Integrated         | Integrated         | Integrated         | Integrated         |
| <b>General Data</b>               |   |                    |                    |                    |                    |                    |
| Operating Temperature Range (°C)  | -25~60  | -25~60             | -25~60             | -25~60             | -25~60             | -25~60             |
| Relative Humidity                 | 0~100%  | 0~100%             | 0~100%             | 0~100%             | 0~100%             | 0~100%             |
| Operating Altitude (m)            | ≤4000   | ≤4000              | ≤4000              | ≤4000              | ≤4000              | ≤4000              |
| Cooling                           | Natural Convection                              |                    |                    |                    |                    |                    |
| User Interface                    | LCD & LED                                       | LCD & LED          | LCD & LED          | LCD & LED          | LCD & LED          | LCD & LED          |
| Communication                     | WiFi or LAN                                     | WiFi or LAN        | WiFi or LAN        | WiFi or LAN        | WiFi or LAN        | WiFi or LAN        |
| Weight (kg)                       | 5.8   | 5.8                | 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        | 295*230*113        | 295*230*113        |
| Protection Degree                 | IP65  | IP65               | IP65               | IP65               | IP65               | IP65               |
| Night Self Consumption (W)        | <1  | <1                 | <1                 | <1                 | <1                 | <1                 |
| Topology                          | Transformerless                                 |                    |                    |                    |                    |                    |

\*1: For Belgium Max. Output Apparent Power (VA): GW700-XS is 700; GW1000-XS is 1000; GW1500-XS is 1500; GW2000-XS is 2000; GW2500-XS is 2500; GW3000-XS is 3000.

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



Color Options