



# NEW FROM SOLAX

## X1-BOOST G3



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3.0kW/3.3kW/3.6kW/4.2kW  
4.6kW/5.0kW/5.5kW/6.0kW



## Features



Remote upgrade and maintenance



150% oversizing and 110% overloading



Max. DC input 14A per string



AC/DC built-in SPD



CT/Meter compatibility



Easy to install and setup



24h monitoring and maintenance (Optional)

### Contact Us for More Information

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| X1-3.0-T-D(L) | X1-3.3-T-D(L) | X1-3.6-T-D(L) | X1-4.2-T-D(L) | X1-4.6-T-D(L) | X1-5.0-T-D(L) | X1-5.5K-T-D(L) | X1-6.0K-T-D(L) |
|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|
| X1-3.0-T-N(L) | X1-3.3-T-N(L) | X1-3.6-T-N(L) | X1-4.2-T-N(L) | X1-4.6-T-N(L) | X1-5.0-T-N(L) | X1-5.5K-T-N(L) | X1-6.0K-T-N(L) |

## DC INPUT

|                                                         |          |          |          |          |          |          |          |          |
|---------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Max. PV array input power [Wp]                          | 4500     | 4950     | 5400     | 6300     | 6900     | 7500     | 8250     | 9000     |
| Max. PV input Voltage [V]                               | 600      | 600      | 600      | 600      | 600      | 600      | 600      | 600      |
| Startup voltage [V]                                     | 100      | 100      | 100      | 100      | 100      | 100      | 100      | 100      |
| Nominal input voltage [V]                               | 360      | 360      | 360      | 360      | 360      | 360      | 360      | 360      |
| MPP tracker voltage range [V]                           | 70 ~ 580 | 70 ~ 580 | 70 ~ 580 | 70 ~ 580 | 70 ~ 580 | 70 ~ 580 | 70 ~ 580 | 70 ~ 580 |
| No. of MPP trackers / Strings per MPP tracker           | 2/1      | 2/1      | 2/1      | 2/1      | 2/1      | 2/1      | 2/1      | 2/1      |
| Max. PV input current(Input A/Input B) [A]              | 14/14    | 14/14    | 14/14    | 14/14    | 14/14    | 14/14    | 14/14    | 14/14    |
| Isc PV Array Short Circuit Current(Input A/Input B) [A] | 18/18    | 18/18    | 18/18    | 18/18    | 18/18    | 18/18    | 18/18    | 18/18    |

## AC OUTPUT

|                                               |                           |      |                        |      |      |                   |      |                        |
|-----------------------------------------------|---------------------------|------|------------------------|------|------|-------------------|------|------------------------|
| Rated AC output power [W]                     | 3000                      | 3300 | 3680                   | 4200 | 4600 | 5000 <sup>①</sup> | 5500 | 6000                   |
| Rated AC output current [A]                   | 13                        | 14.3 | 16                     | 18.3 | 20   | 21.7              | 23.9 | 26.1                   |
| Max. output apparent power [VA]               | 3300                      | 3630 | 4048(3680 for G98/TOR) | 4620 | 5060 | 5500 <sup>②</sup> | 6050 | 6600(4600 for VDE4105) |
| Max. AC output current [A]                    | 14.3                      | 15.8 | 17.6(16 for G98/TOR)   | 20.1 | 22   | 23.9 <sup>③</sup> | 26.3 | 28.7(20 for VDE4105)   |
| Nominal AC voltage/ AC voltage range [V]*     | 220/230/240; 180~280      |      |                        |      |      |                   |      |                        |
| Nominal AC frequency/AC frequency range [Hz]* | 50/60; ±5                 |      |                        |      |      |                   |      |                        |
| Power Factor Range                            | 0.8 leading ~ 0.8 lagging |      |                        |      |      |                   |      |                        |
| THDi (Rated power) [%]                        | <2                        |      |                        |      |      |                   |      |                        |

## SYSTEM DATA

|                                          |                                   |      |      |    |    |    |    |    |
|------------------------------------------|-----------------------------------|------|------|----|----|----|----|----|
| Max. Efficiency [%]                      | 97.80                             |      |      |    |    |    |    |    |
| Euro. Efficiency [%]                     | 97.00                             |      |      |    |    |    |    |    |
| Standby consumption [W] @Night           | <2                                |      |      |    |    |    |    |    |
| Ingress Protection                       | IP66                              |      |      |    |    |    |    |    |
| Operating Ambient Temperature Range [°C] | -25~+60 (Derating at 45°C)        |      |      |    |    |    |    |    |
| Max. operation altitude [m]              | ≤3000                             |      |      |    |    |    |    |    |
| Relative humidity [%]                    | 0~100 (Condensing)                |      |      |    |    |    |    |    |
| Typical noise emission [dB]              | 30                                |      |      |    |    |    |    |    |
| Storage temperature [°C]                 | -30~+70                           |      |      |    |    |    |    |    |
| Dimensions (W x H x D) [mm]              | 341.5 x 430 x 143                 |      |      |    |    |    |    |    |
| Net weight [kg]                          | 13.5                              | 13.5 | 13.5 | 15 | 15 | 15 | 15 | 15 |
| Cooling concept                          | Natural Cooling                   |      |      |    |    |    |    |    |
| Communication interfaces                 | RS485/DRM/USB, Optional: CT/Meter |      |      |    |    |    |    |    |
| Optional monitoring dongle               | Pocket WiFi/LAN/4G                |      |      |    |    |    |    |    |
| Display                                  | 2 x LED + LCD (16 x 2) / APP      |      |      |    |    |    |    |    |

## PROTECTION

|                                    |     |  |  |  |  |  |  |  |
|------------------------------------|-----|--|--|--|--|--|--|--|
| Over/under voltage protection      | YES |  |  |  |  |  |  |  |
| DC isolation protection            | YES |  |  |  |  |  |  |  |
| Monitoring ground fault protection | YES |  |  |  |  |  |  |  |
| Grid monitoring                    | YES |  |  |  |  |  |  |  |
| DC injection monitoring            | YES |  |  |  |  |  |  |  |
| Back feed current monitoring       | YES |  |  |  |  |  |  |  |
| Residual current detection         | YES |  |  |  |  |  |  |  |
| Anti-islanding protection          | YES |  |  |  |  |  |  |  |
| Over temperature protection        | YES |  |  |  |  |  |  |  |
| SPD                                | YES |  |  |  |  |  |  |  |

## STANDARD

|               |                                                                                     |  |  |  |  |  |  |  |
|---------------|-------------------------------------------------------------------------------------|--|--|--|--|--|--|--|
| Safety        | IEC/EN 62109-1/-2                                                                   |  |  |  |  |  |  |  |
| EMC           | EN61000-6-1/2/3/4, EN61000-3-2/3/11/12                                              |  |  |  |  |  |  |  |
| Certification | IEC61727, EN50549, G98/G99, AS 4777.2, VDE4105, CEI 0-21, RD1699, UNE 206007-1, VFR |  |  |  |  |  |  |  |

① 5000 (4600 for VDE4105) ② 5500 (4600 for VDE4105; 5000 for C10/11) ③ 23.9 (20 for VDE4105; 21.7 for C10/11)

\* The AC voltage and the frequency range may vary from different country codes.