

# Microinverter



## X1-Micro 4 in 1 G2

1875 W / 2000 W / 2250 W / 2400 W



### High Efficiency

- Max. 2400 VA output power
- Max. 18 A DC input current
- Four MPPT channels
- Max. efficiency up to 97%



### Assured Safety

- Rapid shutdown function
- Safety protection relay integrated
- IP67 ingress protection



### Intelligent Design

- Reactive power regulation (0.8 leading...0.8 lagging)
- Built-in WiFi communication
- Support zero export function
- Module level monitoring and control
- Remote firmware upgrades, parameter configuration, and fault analysis



### Flexible Adaptability

- Plug and play
- Supporting AC coupling solution
- Supporting 1-phase microinverter integration into 3-phase power grids

PV INPUT				
Commonly used module power per input	360 ~ 600+ W	400 ~ 670+ W	450 ~ 700+ W	500 ~ 750+ W
Max. PV input voltage	60 V			
MPPT voltage range	22 ~ 60 V			
Start-up voltage	20 V			
Max. PV input current	4 × 17 A	4 × 17 A	4 × 18 A	4 × 18 A
Max. input short circuit current	4 × 20 A	4 × 20 A	4 × 25 A	4 × 25 A
No. of MPP trackers	4			
Strings per MPP tracker	1			
AC OUTPUT				
Rated AC output power	1875 VA	2000 VA	2250 VA	2400 VA
Max. continuous output power	1875 VA	2000 VA	2250 VA	2400 VA
Max. continuous output current	8.53 A @220 V 8.16 A @230 V 7.82 A @240 V	9.10 A @220 V 8.70 A @230 V 8.34 A @240 V	10.20 A @220V 9.79 A @230V 9.38 A @240V	10.91 A @220V 10.44 A @230V 10.00 A @240V
Rated grid voltage	220 / 230 / 240 V			
Rated AC voltage range	180 ~ 276 V			
Rated AC frequency	50 Hz / 60 Hz			
AC frequency / range	50 ± 5 Hz / 60 ± 5 Hz			
Max. units per 10AWG branch*	3@220 V 3@230 V 3@240 V	3@220 V 3@230 V 3@240 V	3@220 V 3@230 V 3@240 V	2@220 V 2@230 V 2@240 V
Max. units per 12AWG branch*	2@220 V 2@230 V 2@240 V	2@220 V 2@230 V 2@240 V	2@220 V 2@230 V 2@240 V	2@220 V 2@230 V 2@240 V
Power factor range	~ 1 (0.8 leading...0.8 lagging)			
THDi (rated power)	< 3%			
EFFICIENCY				
Max. efficiency	97.00%			
MPPT efficiency	99.90%			
Power consumption (night)	< 40 mW			
STANDARD				
Safety	IEC 62109			
EMC	IEC 61000, EN 62920, EN 301489, EN 55011			
Certifications	IEC 61727, IEC 62116, EN 50549, VDE 4105, UNE 217001, UNE 217002, RD 244/647, NTS Version 2.1 TYPE A, INMETRO, PEA/MEA			
ENVIRONMENT LIMIT				
Ingress protection	IP67			
Operating temperature range	-40 ~ 65°C			
Relative humidity	0 ~ 100% RH (condensing)			
GENERAL				
Dimensions (W x H x D)	317 × 225 × 41 mm			
Weight	5.2 kg			
Cooling concept	Natural cooling			
Communication	WiFi			
Monitoring	SolaXCloud			

\* Refer to local requirements for exact number of microinverters per branch

## Communication Diagram

