



- ▼ Grid-connected PV inverters
 - ▶ Fronius IG
 - ▼ Fronius IG Plus
 - ▼ Fronius IG Plus 3.0-1 uni - 3.8-1 uni
 - ▶ Fronius IG Plus 5.0-1 uni - 7.5-1 uni
 - ▶ Fronius IG Plus 10.0-1 uni, 11.4-1 uni, 11.4-3 Delta and 12.0-3 WYE277
- ▶ System monitoring and datalogging
- ▶ Training and Webinars
- ▶ Warranty Information

Products | Grid-connected PV inverters | Fronius IG Plus | Fronius IG Plus 3.0-1 uni - 3.8-1 uni

Fronius IG Plus 3.0-1 uni - 3.8-1 uni



[Zoom](#)

- + Maximum Earnings Security
- + Highest Reliability
- + First Universal Inverter

The smallest size inverter in the Fronius IG Plus family. Available in 3.0 and 3.8 kW. Best suited for smaller solar applications, e.g. residential and smaller commercial applications.

Available Fronius IG Plus Single Stage Inverters:

- 3.0-1 UNI
- 3.8-1 UNI

[Operating Manual](#)

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Technical Data

| Fronius IG Plus | 3.0-1UNI | 3.8-1UNI |
|---|--------------|-------------|
| Input data | | |
| Recommended PV-Power (Wp) | 2500-3450 | 3200-4400 |
| MPPT-Voltage range | 230 - 500 V | 230 - 500 V |
| Max. Input voltage range (at 1000 W/m ² 14°F (-10°C) in open circuit operation) | 600 V | 600 V |
| Nominal Input Current | 8.3 A | 10.5 A |
| Max. usable Input Current | 14.0 A | 17.8 A |
| Admissible conductor size (DC) | No. 14-6 AWG | |

Output data

| | | |
|--|---------------------------|--------|
| Nominal output power (PAC nom) | 3000 W | 3800 W |
| Max. continuous output power 104°F (40°C) 208 V / 240 V / 277 V | 3000 W | 3800 W |
| Nominal AC output voltage | 208 V / 240 V / 277 V | |
| Operating AC voltage range (default) | | |
| 208 V | 183 - 229 V (-12 / +10 %) | |
| 240 V | 211 - 264 V (-12 / +10 %) | |
| 277 V | 244 - 305 V (-12 / +10 %) | |
| | | |
| Maximum continuous output current | | |
| 208 V | 14.4 A | 18.3 A |
| 240 V | 12.5 A | 15.8 A |
| 277 V | 10.8 A | 13.7 A |
| Admissible conductor size (AC) | No. 14 - 4 AWG | |

Max. continuous utility back

