



Convert your solar panel output into usable energy for the home with the GivEnergy string inverter.

The string inverter will take the DC energy from your full solar array to a single source and convert it into usable AC for your home. When paired with a GivEnergy battery storage system, you'll also be able to save any excess generation and power your home on solar all day long.

Plus, with a max input current of 17A per string, and a max output power of 3.6kW – this string inverter is tough enough to supply the average home with ease.



Globally Recognised Branded Componentry

End-to-end ownership of our manufacturing ensures unparalleled performance capability.



Remote Update and Control

Manage and monitor your home energy with the GivEnergy cloud portal and mobile app. Plus, over-the-air firmware updates keep your tech running smoothly.



In-Built WiFi and LAN

Includes in-built WiFi and LAN for a hard-wired network connection.



12 Year Warranty

Supplied with a full manufacturer's warranty. Our UK team are on hand to help you should any issues arise.

String Inverter 3.6 Gen 3

INPUT DATA (PV)

| | |
|--|----------|
| Start-Up Voltage | 80V |
| Max. PV Voltage | 600V |
| MPPT Range | 90V-550V |
| Nominal Voltage | 360V |
| Max. Short Circuit Current | 2*23A |
| Max. Input Current (per string) | 17A/17A |
| MPPT Tracker / No. of Strings per MPPT Tracker | 2/1 |

OUTPUT DATA (AC)

| | |
|--|----------------------------|
| Nominal AC Output Power | 3600W |
| Max. Apparent Power Output to Utility Grid | 3600VA |
| Max. Output Current | 16A |
| Nominal Voltage / Range | 230VAC |
| Frequency Range | 50 / 60 Hz; ±5 Hz |
| Power Factor (Full Load) | >0.99 |
| Power Factor Range | 0.8 Lagging... 0.8 Leading |
| THDI (Nominal Power) | <3% |
| AC Connection | Single Phase |

PROTECTION DEVICES

| | |
|--|----------|
| DC Reverse Polarity Protection | Yes |
| DC Switch Rating for each MPPT | Yes |
| Output Overcurrent Protection | Yes |
| Output Overvoltage Protection Varistor | Yes |
| Ground Fault Monitoring | Yes |
| Grid Monitoring | Yes |
| Max. Inrush Current | 30A Peak |
| Max. Output Fault Current | 40A Peak |
| Max. Output Overcurrent Protection | 25A RMS |
| Earth Leakage Current Monitoring | Yes |
| AFCI | Yes |

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Gen 3

GENERAL DATA

| | |
|-------------------------------|---------------------------------|
| Dimensions | 583H x 205D x 480W (mm) |
| Weight | 32Kg |
| Charge / Discharge Efficiency | 96% / 96% |
| PV Max. Efficiency | 97.6% |
| Euro Efficiency | 97% |
| MPPT Efficiency | 99.9% |
| Protection Class | IP65 |
| Noise Emission (Typical) | 55dB |
| Operational Temperature | -25°C - 60°C |
| Relative Humidity | 0 ~ 100%, non condensing |
| Altitude | 4000m (derating above 2000m) |
| Inverter Topology | Transformerless |
| Self-Consumption | <15W |
| SKU | GIV-PV-3.6-G3 |

FEATURES

| | |
|-------------|-----------|
| Display LCD | LED & APP |
|-------------|-----------|

INTERFACE

| | |
|---------------|--|
| Communication | BMS: RS485 Meter - Meter: RS485 Portal - WiFi (USB) or LAN |
|---------------|--|

CERTIFICATES AND APPROVALS

UKCA,
CE,
G100,
G98