



Core Features

Grid Tie Microinverter **G5** Series

1

Internal wifi convenient for users to remotely monitor and manage through website and PC.

2

High quality MPPT avoids a single point of failure ,ensures the best performance ,varities of protections.

3

Small and light-weighted, easy to install, IP67 class protection

4

Can support the connection of multiple solar panels

5

Suitable for customizing various PV Energy Storage System.

6

Low photovoltaic input voltage, high and low voltage isolated, safe to use.

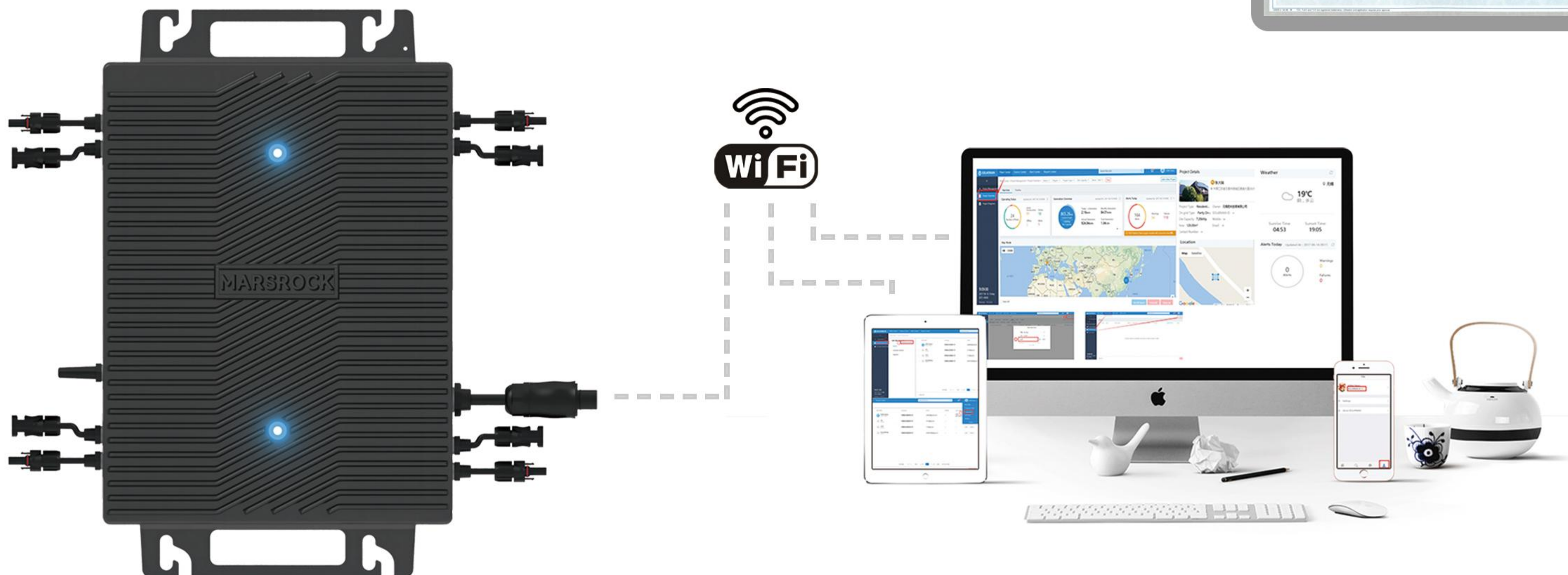




1200W/1600W

Grid Tie Microinverter G5 Series

Micro-inverter Series



► Product Specifications




| | | | |
|--------------------------|------------------------------------|--------------------------------------|-----------------------|
| Power | | 1200W | 1600W |
| Input Data | Suggested Solar | 4*300 ~ 550W | 4*300 ~ 550W |
| | Start-stop Voltage | 18V ~ 60V | 18V ~ 60V |
| | MPPT | 16V ~ 60V | 16V ~ 60V |
| | Max Input Current | 13A | 13A |
| | DC Short Current | 20A | 20A |
| Output (AC) | Max Output Power | 1200W | 1600W |
| | AC Voltage | 220/230/240V, L/N/PE | 220/230/240V, L/N/PE |
| | Rated Output Current | 5.2A @230V AC | 7A @230V AC |
| | Max Output Current | 7.3A @230V AC | 9.8A @230V AC |
| | Max Units Per Branch | 6 PCS | 4 PCS |
| | Frequency | 50 / 60Hz (45 ~ 65Hz) | 50 / 60Hz (45 ~ 65Hz) |
| Output Efficiency | Peak Inverter Efficiency | 95.6% | 95.6% |
| | Power Factor | > 0.99 | > 0.99 |
| | EU Efficiency | 95.3% | 95.3% |
| | Static MPPT | 99.9% | 99.9% |
| | CEC Weighted Efficiency | 95.5% | 95.5% |
| | Output Current Harmonic Distortion | < 3% | < 3% |
| Exterior | Ambient Temperature | -40°C ~ +80°C | -40°C ~ +80°C |
| | Operating Temperature | -40°C ~ +65°C | -40°C ~ +65°C |
| | Power Consumption | < 50mW | < 50mW |
| | Waterproof Rating | IP67 | IP67 |
| | Cooling | Self-cooling | Self-cooling |
| Feature | Communication | Smartphone APP / WIFI / Bluetooth | |
| | Certificate | VDE4105、IEC62109、EN62109、EN IEC61000 | |
| | Dimensions | 280*176*33mm | |
| | Weight | 3.75kgs | |



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