

Enphase M215 MicroInverter



CAD \$229.00[[200,200,200]][14]

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SKU: ENM215

Product Categories: [Inverters](#), [Micro Inverters](#), [Shop](#)

Product Page:

<https://www.modernoutpost.com/product/enphase-m215-microinverter/>

Product Summary

The Enphase M215 is a 4th generation micro inverter that delivers higher power production & greater efficiency, while providing higher quality standards than other products on the market.

Product Description

The Enphase M215 is the basic building block for 208/240V residential solar power systems. An M215 microinverter is paired with each 60 cell solar panel in your system to deliver the panel's power to the array in grid-ready 240V. The advantage of the Enphase M215 is that protection from shading effects becomes inherently part of your system. Panel by panel. The other advantage of the Enphase M215 is

having standard AC power in your roof wiring instead of high-voltage DC.

Something electricians, and safety authorities, prefer to work with.

The Microinverter advantage...

Microinverters are the right choice if your roof or ground site will experience even a modest amount of shading. Microinverters like the Enphase M215 harvest more power from solar panels, are easier to install, and provide module-level monitoring & maintenance. Ultra-reliable components combined with their distributed architecture, makes a solar system using Enphase M215 micro inverters more resilient, and flexible than string inverter systems.

Side-by-side studies of micro inverter systems vs string inverters have shown production performance to be 3% to 12% higher in micro inverter systems, depending on the level of shading involved.

Enphase M215 Specifications...

The Enphase M215 is a 4th generation micro inverter that delivers higher power production & greater efficiency, while providing higher quality standards than other products on the market.

- Output Power: 225W AC - Commonly used module pairing - input power: 190-280W - MPPT Range: 27 - 39 V - Best-in-class 96.5% CEC efficiency - Integrated Ground, eliminating the need for a copper grounding wire or WEEB - CSA Listed Per UL 1741/IEEE1547 - 25 Year Warranty

Download the [M215 Data Sheet](#)

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The Enphase Difference

Enphase is on a mission to bring solar energy to the next level, one where it's ready to meet the energy demands of an entire globe.

More Power From Your Solar Panels

Enphase Microinverters get more power from the same solar panels. This means greater savings & value from your system. Each microinverter connects to a single solar panel. Unlike other types of solar inverters, if there is a shaded, dirty, or problem panel, the rest of the system keeps running smoothly. The result is increased system power yield of 3-12% over standard string inverters (according to

multiple independent studies incorporating a variety of shading/soiling issues). The Enphase Envoy shows you the status of all panels in real time.

Solar You Will Love

Every part of the Enphase system is designed to have a minimal impact on your building. Wiring and equipment stay out of sight, and the low voltage AC design improves safety.

Want to start with only a few solar panels & expand in the future?

Standard string inverters require specific string sizes of panels, and have limitations on how the system can be expanded. But Enphase MicroInverters let you install as many panels as you wish, in multiple sections. The ultimate solar power system design flexibility.

Reliability, Inside & Out

Enphase products are designed to deliver more power, with less maintenance. The proof is in the longest warranties on the market. Up to 20 years.

Visit the [Enphase website](#) for more information.

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 3 kg