

Light.
Flexible.
Powerful.

Introducing Enphase IQ



Enphase IQ Microinverters

What's underneath the panels makes all the difference.



Enphase IQ 7

Suitable For
Residential / Commercial

**Commonly Used Module Pairing –
Input Power**
195-330W

Module Compatibility
60-cell modules



Smart Grid Ready



Enphase IQ 7+

Suitable For
Residential / Commercial

**Commonly Used Module Pairing –
Input Power**
235-420W

Module Compatibility
60- and 72-cell modules



Smart Grid Ready



Enphase IQ 7X

Suitable For
Residential / Commercial

**Commonly Used Module Pairing –
Input Power**
320-460W

Module Compatibility
96-cell modules



Smart Grid Ready

The all new Enphase IQ 7

Light

- Much easier handling on the roof
- IQ 7 is 35% lighter than M250

Flexible

- New lighter Q Cable for more flexible design
- Simpler branch layout

Powerful

- Supports both 60, 72 and 96 cell modules
- IQ 7 delivers 24% more power than M-Series
- Most efficient microinverter at 96.5%

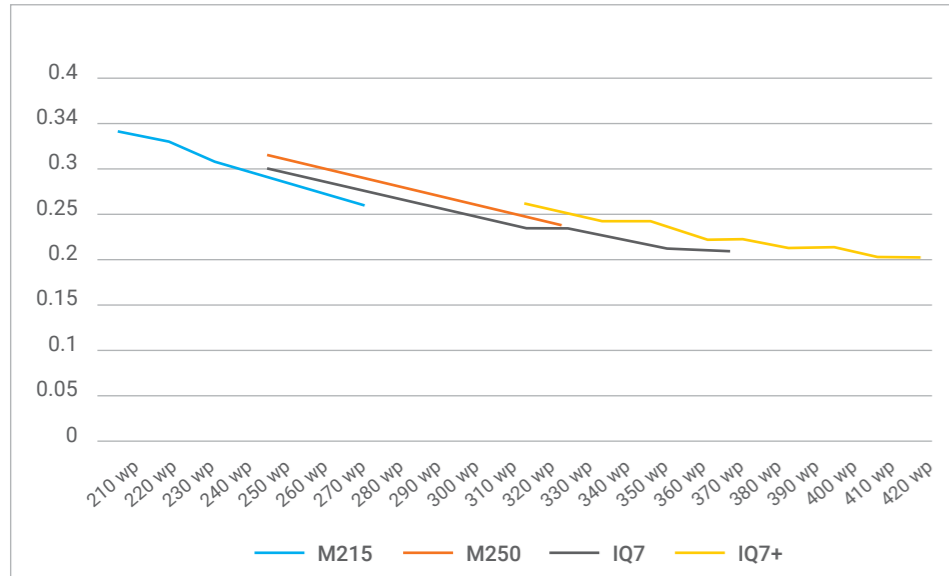


Enphase's seventh-generation microinverters are powered by our unique software-defined architecture, offering the most efficient design with a single hardware SKU worldwide. With 96.5% EU efficiency, the IQ 7 series produces up to 24% more power at nearly half the weight of the M-Series.

Light. Flexible. Powerful.
More power for your customer.

3 Reasons why Enphase IQ beats the rest

1. Cost Advantage - Save with Enphase



This graph shows the two key advantages of installing IQ7 over M215-M250:

1. Don't be limited to 210W modules as the IQ7 series supports up to 460W.
2. Save money as higher output from IQ7 series micros enables additional BOS cost savings.

As an installer you want to offer a high performance system that is cost effective. With the Enphase IQ 7, IQ 7+ and IQ 7X System you can do just that: Choosing the best micro/module pairing ensures the system will operate at its optimum and your customer will start saving on his power bill from day one. Plus, you will enjoy BOS savings in the double digits – truly a win-win.

2. Reliability - lasting quality with Enphase

Microinverters

- 1 million power-on hours of rigorous testing
Our industry leading R&D and manufacturing standards include our 1 million power-on-hours of rigorous testing before any microinverter generation.
- Components
Reduced part count and no moving parts but 5 million ASICS means less wear and tear, greater durability and greater flexibility as grid requirements change.
- Modest internal temperature rise
Low voltage reduces thermal cycling and component stress, a primary cause of wear-out in other inverters.
- IP67 enclosure
The double insulated polymeric IQ 7 enclosure is resistant to dust and capable of withstanding water immersion between 15 cm and 1 meter for 30 minutes.

3. Safety - no DC arc faults with Enphase

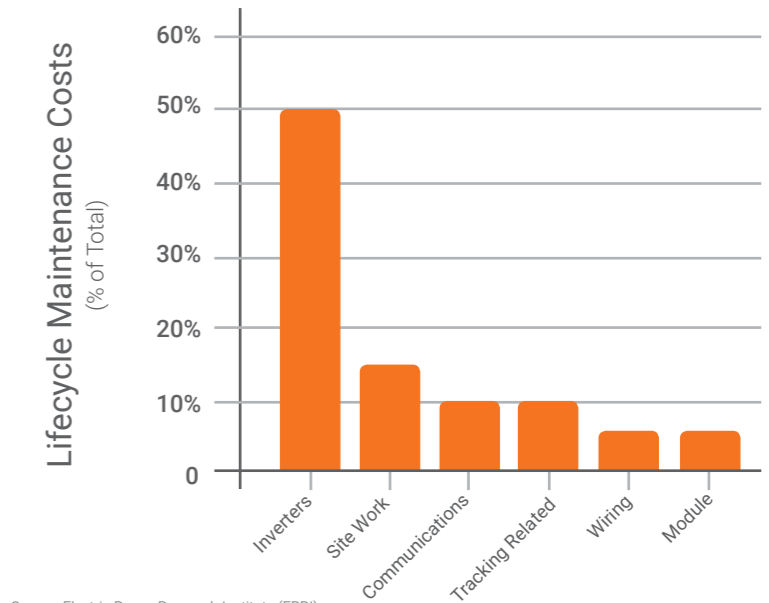
PV system design philosophy has a significant impact on both prevention and suppression of fires. With its all AC design, the Enphase IQ system mitigates the risk of fire by avoiding distribution of high DC voltage and high DC current altogether. Be safe and install Enphase.

“The use of microinverters with each panel has ensured we will have a long lasting low maintenance high performance system which has the highest safety standards.”

Tim Chittenden
Superintendent and Regional Manager
Rural Fire Services, QLD

String

- String inverters fail at least once in the system's life.



Source: Electric Power Research Institute (EPRI)



The Enphase IQ 7 Microinverter System with IQ™.

Components and Accessories



Enphase Envoy-S™ Metered



Enphase IQ 7 microinverter



Enphase Field-Wireables



Enphase Q Cable™

Why I Chose Enphase.

“We have been selling Enphase products since they entered the UK market in 2011 with hundreds of Enphase installations under our belt. We naturally wanted to be part of one of the first IQ 7 installations in the UK. Enphase offers quality solutions coupled with all AC safety and unprecedented efficiency given the shading across roofs. Making this an ideal solution.”



Richard Cromarty, Managing Director,
JPS Renewable Energy

“We have been installing Enphase products for the last 6 years. Simple and much easier than any other system. The modular all AC approach ensures safe and efficient installations”

Glenn Ashby, Technical Director & Co-owner, Techfor Energy Ltd



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To find out more information about Enphase, go to enphase.com/uk

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