

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**  
235-400W

**Module Compatibility**  
60- and 72-cell modules



Smart Grid Ready



Enphase IQ 7

**Suitable For**  
Residential / Commercial

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

**Module Compatibility**  
60-cell modules



Smart Grid Ready

## The all new Enphase IQ 7

### Light

- Much easier handling on the roof
- IQ 7 is 47% lighter than S270

### Flexible

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

### Powerful

- Supports both 60 and 72 cell modules
- IQ 7 delivers 23% more power than S-Series
- Most efficient microinverter at 96.5%

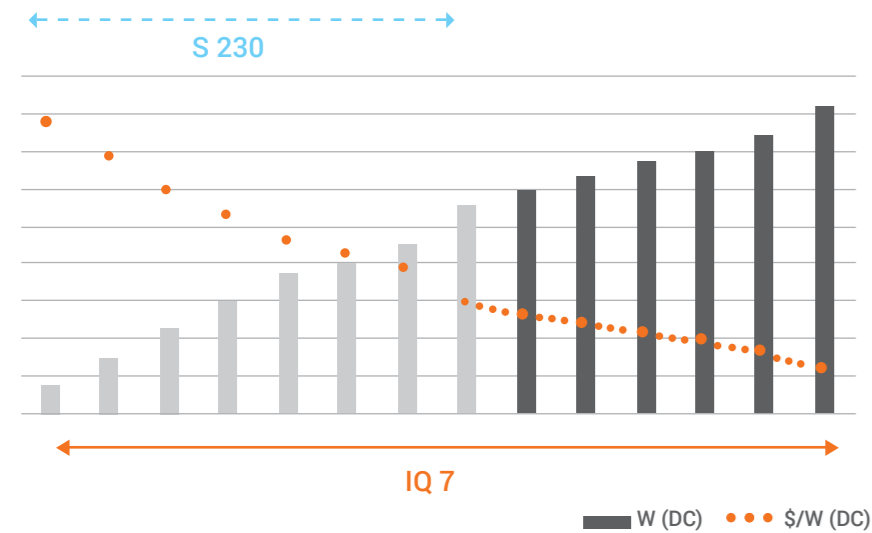


Enphase's seventh-generation microinverters are powered by our unique software-defined architecture, offering the most efficient design with a single hardware SKU worldwide. With 96.5% EU efficiency, the IQ 7 series produces up to 23% more power at nearly half the weight of the S-Series.

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

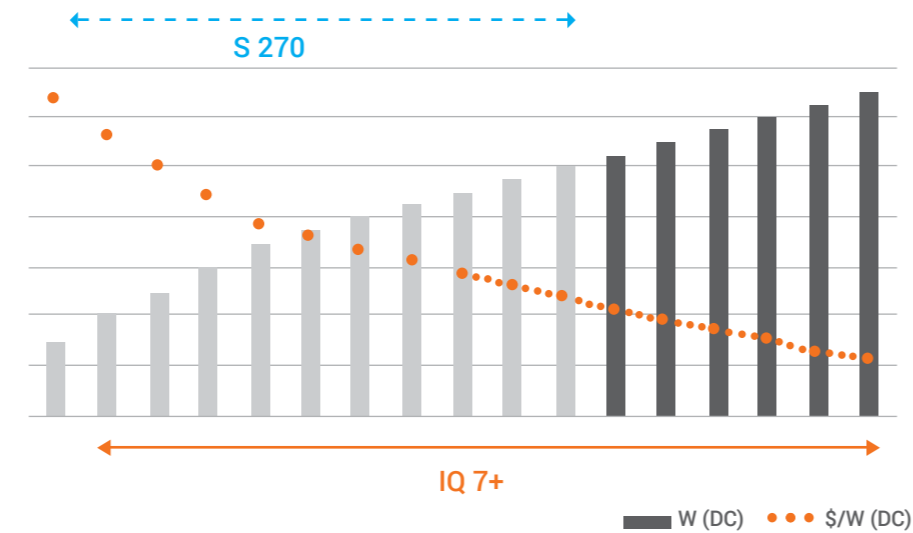
# 3 Reasons why Enphase IQ beats the rest

## 1. Cost Advantage – Save with Enphase



This graph shows the two key advantages of installing IQ7 over S230:

1. Don't be limited to 290W modules as IQ7 supports up to 325W.
2. Save money as higher output from IQ7 micros enables additional BOS cost savings as seen by the downward slope of the orange \$/W curve.



This graph shows the cost advantage of IQ 7+ over S270 Micros for various module sizes beyond 360W all the way up to 395W. These double digit BOS savings get even bigger with large 72-cell module pairings for commercial projects that are perfectly suited for IQ7+.

As an installer you want to offer a high performance system that is cost effective. With the Enphase IQ 7 and IQ 7+ 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

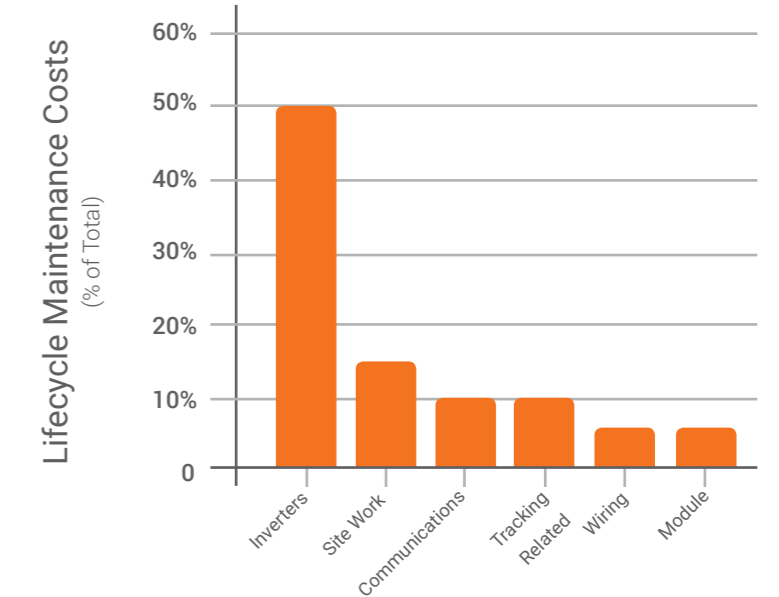
PV system design philosophy has a significant impact on both prevention and suppression of fires. With its all AC design, the Enphase IQ system mitigates the risk of fire by avoiding distribution of high DC voltage and high DC current altogether. Be safe and install Enphase.

**“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.



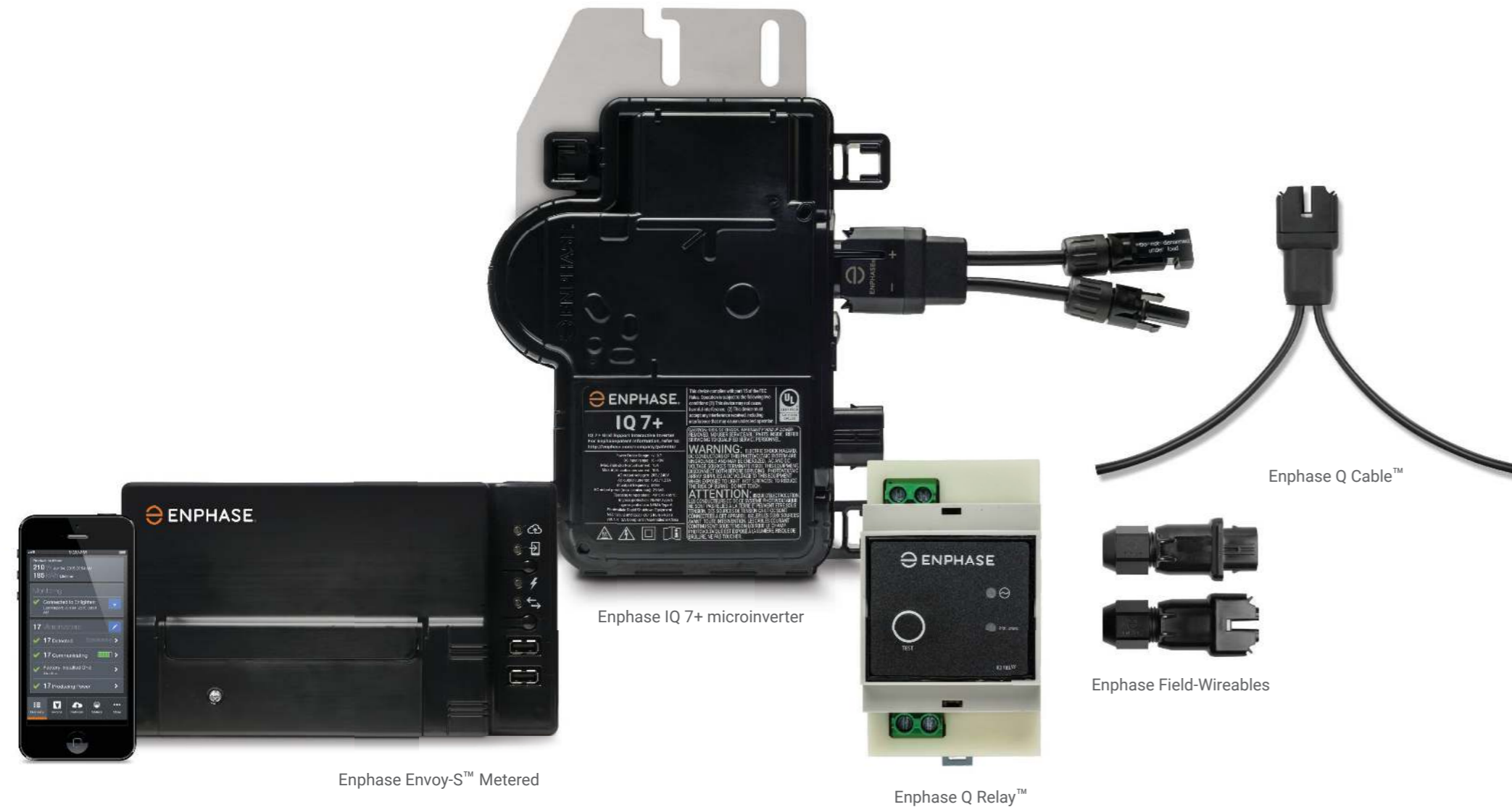
Source: Electric Power Research Institute (EPRI)





# The Enphase IQ 7 Microinverter System with IQ™.

## Components and Accessories



# Why I Chose Enphase.

“Installing Enphase is so simple and so much easier than any other system. I’ve installed Enphase for years and customers really like the MyEnlighten monitoring. It’s a no brainer, really .”

– Joel Williams, All Green Environmental from New South Wales

“With Enphase, we can offer our customers any size system for any situation – zero export, shading, storage. Homeowners love it, and there is no comparison in quality and technology.”

- Tom McClelland, Hush Energy from Queensland





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To find out more information about Enphase, go to [enphase.com/au](https://enphase.com/au)

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