

15  
YEAR

Industry-leading  
limited warranty

 ENPHASE.

25  
YEAR

Industry-leading  
limited warranty



# Shine brighter

 ENPHASE®

For solar installers

# Tomorrow's home energy today

Is your business future-proof? Our intelligent IQ Microinverters work with virtually every solar panel made to deliver safe, reliable, resilient, and scalable solar energy. And when paired with our award-winning smart battery technology, we engineer one of the industry's best-performing clean energy systems.

Don't get left behind. Make sure you offer your customers tomorrow's home energy today.



**IQ Microinverters**  
The brains behind the panel



**IQ EV Charger 2**  
Expected early 2025



**IQ System Controller**  
Enables IQ Battery backup



**IQ Battery 5P**  
More power per kWh than batteries twice its size

**Enphase App**  
Power in the palm of your hands

## Better performing solar - no strings attached

Small in size, Enphase Microinverters deliver huge advantages, including safer, smarter, more reliable, and more efficient solar energy than traditional string inverter systems. Today, more than 4 million homes across 150 countries rely on 73+ million Enphase Microinverters—and counting—to gain access to clean, abundant solar energy.



### See the light

	Enphase Microinverters	String inverters	The Enphase Advantage
Single point of failure	No	Yes	Independently functioning microinverters are more reliable as there's no single point of failure.
Limited warranty	25 years	10-15 years	A longer warranty means a better customer experience.
Software-defined architecture	Yes	No	Advanced software and controls enable real-time fleet management, remote diagnostics and maintenance, and world-class customer support.
IP67 rated	Yes	No	Enphase Microinverters have no moving parts and are IP67 rated for maximum reliability in even the harshest environments.
Module-level monitoring	Yes	No	Easily track production and quickly pinpoint issues with module-level monitoring.
Design flexibility	High	Low	You can maximise rooftop space and adapt to design challenges easier with microinverters.
Electrical safety	Safe AC on the roof	High voltage DC on the roof	We virtually eliminate the risk of an arc fault fire by running only safe AC on the roof.
Modular	Yes	No	The modular microinverter design means new panels can be added at any time.
Rapid Shutdown compliance	No additional equipment required	Additional equipment required	Enphase Microinverters include built-in Rapid Shutdown capability.

# Top 5 reasons why you'll love Enphase:

## 01 Easier to design and install

Get freedom from the DC requirements included in AS5033, say goodbye to minimum and maximum string lengths, install across multiple roof areas and orientations, and complete installations quicker, easier, and safer with standard AC wiring. Plus, the Enphase Installer App makes system commissioning a breeze.

## 03 Easier to make higher margins

The superior safety, performance, flexibility, and reliability of Enphase Microinverters ensure you're offering a truly differentiated solution. These unique advantages unlock more roof space for bigger systems and the ability to add additional panels to an existing installation easily. Enphase is the only solar system you can sell multiple times to the same customer.

## 05 Industry-leading support

### <1 minute support wait time

Our 24/7 technical support team measures wait times in seconds – not minutes or hours.

### Save time Self-service warranty claims

Save time and get reimbursed faster with self-service warranty claims and quick labour reimbursement payments.

## 02 Easier to support, stock, and manage

No single point of failure combined with panel-level monitoring and remote diagnostics means you can service faster and minimise site visits. In addition, Enphase Microinverters are easier to store, transport, and manage. Instead of holding a range of string inverters to fit different size solar systems, simply order one microinverter per panel on order.

## 04 Happier customers

Happy customers equal great word of mouth for your business. With Enphase, you never have to worry about a failed DC isolator or DC arc fault. Plus, you can often troubleshoot and fix system errors remotely. In a CHOICE member survey, Enphase owners were six times less likely to report problems than owners of traditional inverter systems.\*

### Do it right Engineering design reviews

Our engineers are available to assist you at the design stage to ensure a smooth installation and commissioning process. Access the free Design Review service via the Enphase Installer Portal here:



# Top 5 reasons why your customers will love Enphase:

## 01 Performance

Enphase Microinverters ensure a problem with one panel doesn't impact the performance of the other panels. If one panel slips into the shade, is obstructed or experiences a glitch, the other panels can keep operating at peak performance.

## 03 Safety

The Enphase Microinverter design is safer than most other solar technology because it never contains high-voltage DC power, thus eliminating the potential of an arc fault fire.

## 05 All-in-one solution

With Enphase, your customers can make, use, save, and sell their own power with a complete energy management system that brings solar, batteries, and software together in one complete package, all controlled via a smart and beautifully designed app.

## 02 Reliability

Your customers will be happy knowing Enphase Microinverters can last up to three times longer than traditional string inverter systems. Our IQ8 Microinverters now come with a 25-year limited warranty, the longest standard residential solar inverter warranty in Australia and New Zealand.

## 04 Flexibility

Panel arrays can be installed across multiple roof areas and orientations so homes can capture the maximum available sunlight. Plus, the modular microinverter design makes it easy to expand the system if your energy needs grow.



\*Source: <https://www.choice.com.au/home-improvement/energy-saving/solar/articles/solar-power-survey-results>

# IQ8 Series. Our most powerful microinverters yet.

The competition  
doesn't measure up.

The brains behind the panel, Enphase IQ8 Microinverters deliver superior reliability, safety, and quality for residential and commercial solar systems.



Designed to match the latest generation of high-output solar modules.



Now comes with an industry-leading 25-year limited warranty.



Plug and play AC architecture makes it easy to design, install, and commission.



0.05% failure rate – that's only 500 failures for every 1,000,000 units installed.



IP67-certified for maximum resistance to extreme conditions, including ocean fronts.



No single point of failure and remote diagnostics means less call outs.

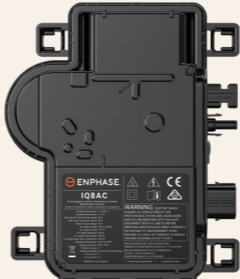


Pack more power into less space than other rooftop systems.



Add new panels at any time.

**25**  
YEAR Industry-leading limited warranty



**IQ8AC Microinverter**



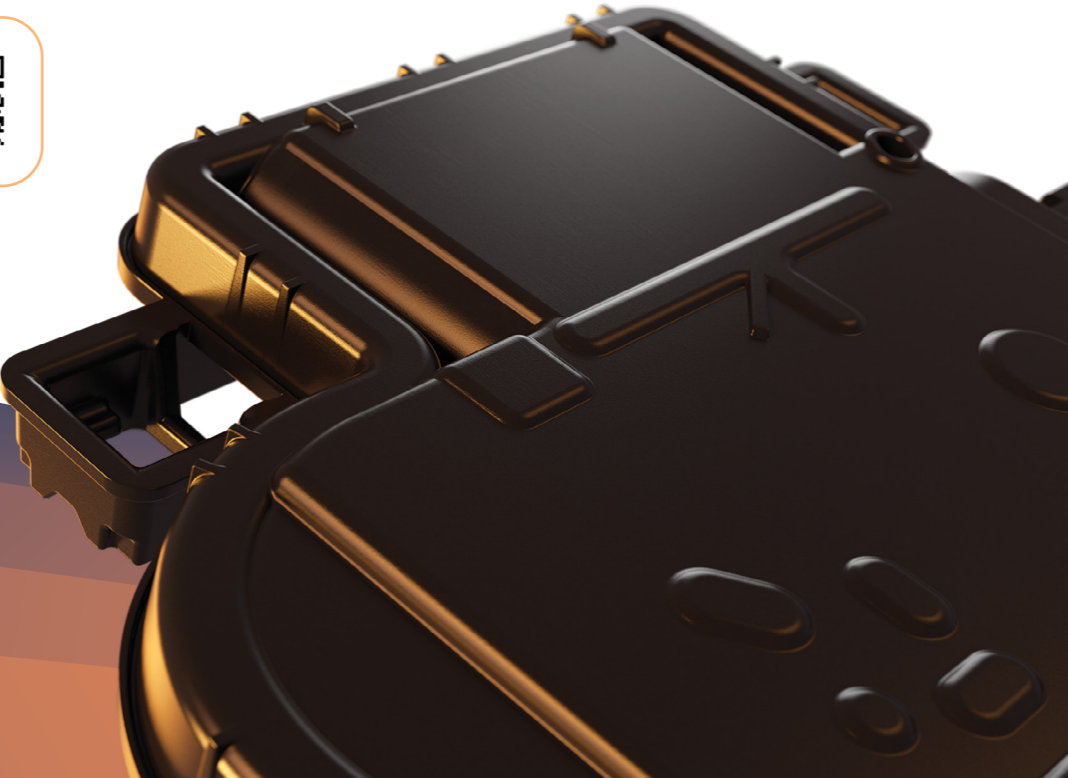
**IQ8HC Microinverter**



**IQ8X Microinverter**

Module Pairing	Module Pairing	Module Pairing
350 - 480 W	350 - 505 W	350 - 505 W
DC Voltage Range	DC Voltage Range	DC Voltage Range
18/60	18/60	25/79.5
Module Compatibility	Module Compatibility	Module Compatibility
High power/ High current	High power/ High current	High power/ High voltage
Rated Power	Rated Power	Rated Power
360 VA	380 VA	380 VA
Burst Mode Technology	Burst Mode Technology	Burst Mode Technology
Rapid Shutdown	Rapid Shutdown	Rapid Shutdown

Find out which microinverter is best for your project.



# Two very powerful apps

## Enphase App

The power of the sun, at your customers' fingertips



### Review system health and performance

The Enphase App gives homeowners a real-time view of their energy production, consumption, and storage - so they can make informed choices about how best to use the energy their home generates.



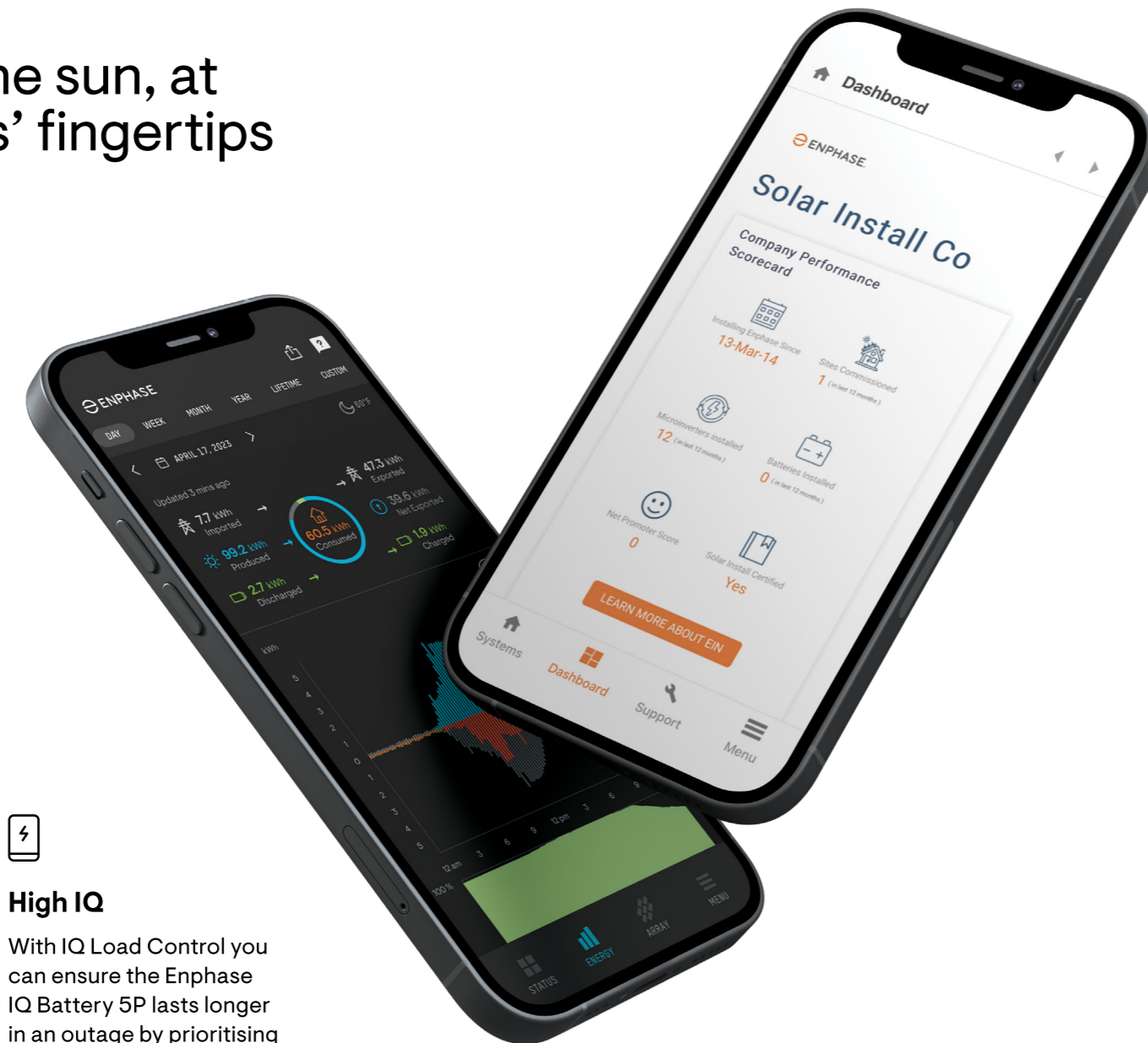
### Panel-level production insights

Homeowners can easily view how much electricity each individual panel is producing, allowing them to spot and troubleshoot any potential problems as soon as they arise.



### Future-ready

New features are constantly being added to the app, such as the capability to support connections to smart energy devices and compatible EV chargers.



### High IQ

With IQ Load Control you can ensure the Enphase IQ Battery 5P lasts longer in an outage by prioritising and directing power to critical loads.



### Customer service that shines bright

Contact support and troubleshoot system issues directly in the Enphase App.

## Installer App

It will brighten your workday



### Easy system setup

The Enphase Installer App makes it simple to activate Enphase systems while on the go, so installation and commissioning are more efficient than ever. You can easily add homeowner details and seamlessly connect microinverters, IQ Gateway, and Enphase system devices.



### Grid profile

Select the appropriate grid profile for each residence to intelligently manage storage priorities and manage export limits. You can remotely change these settings too.



### Meter configuration

Ensure reliable data communication, across solar, storage, and grid power. You can now also remotely reverse CT polarity using the Enphase Installer Portal.



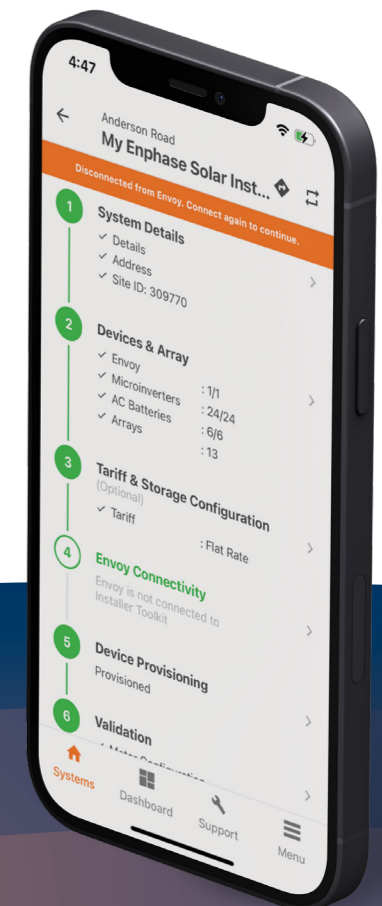
### Module-level monitoring

Your system array layout can be built on-screen by scanning your microinverter serial numbers directly into a virtual array map.



### Select phases

Enable your Enphase system to seamlessly operate on 1, 2, or 3-phase installations.



IQ Battery 5P

# When the sun sets, it shines



More power. Built to last.  
Proven technology.



### Outpowers the competition

1.5 times more powerful than the leading competitor.



### Under 30-minute commissioning

Spend less time on site.



### More ways to install

Sell grid-tied or backup configurations.



### Convenient modularity

5 kWh units make it easy to build a system sized to your customers' specific needs.



### Extended protection

Backed by an industry-leading, 15-year limited warranty up to 6,000 cycles.



### Safer chemistry

Cobalt-free lithium iron phosphate (LFP) chemistry reduces the risks of thermal runaway fires.



### No single point of failure

Six swappable IQ8D-BAT Microinverters.



### A quiet achiever

Passive cooling with no moving parts like fans.

Your new single source for Enphase documentation.



# More ways to install Enphase

## Enphase IQ Batteries can be installed in a range of configurations to suit your customers' needs:

- For grid-tied applications, the system requires an IQ Gateway and Communications Kit 2.
- For backup configurations, the system requires an IQ System Controller.

### NEW

#### Grid-tied solution

Designed for homeowners who have access to a reliable grid and want to maximise solar savings.

##### Key components:

IQ Microinverters, IQ Battery 5P, IQ Gateway, IQ Relay, Communications Kit 2

##### Grid support:

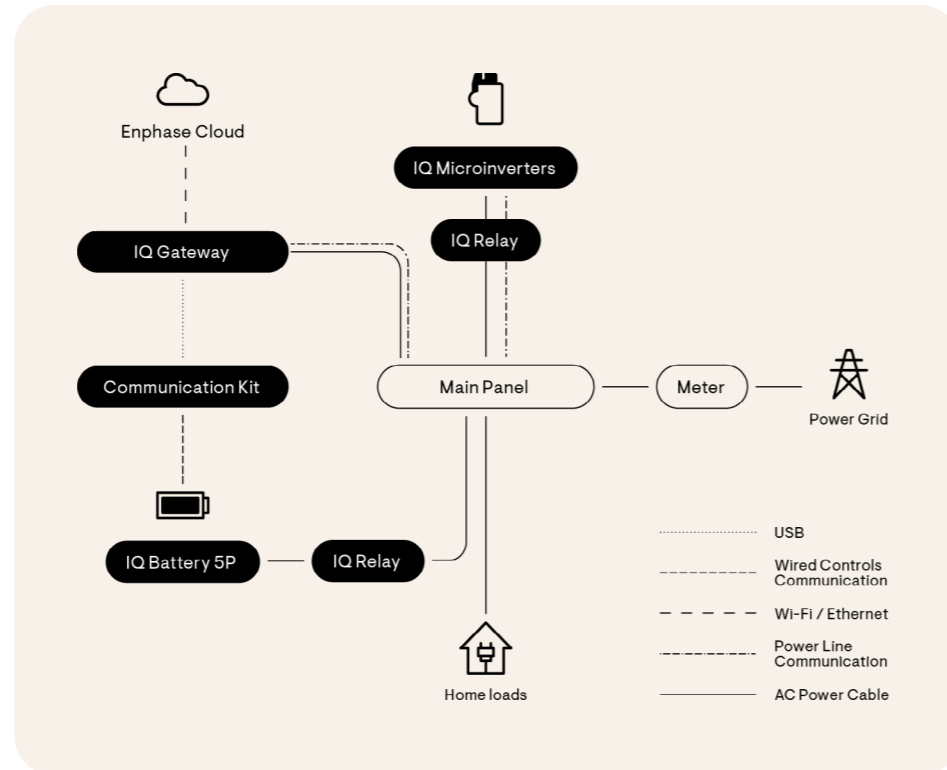
Single and three-phase, without backup

##### Operation modes:

Savings and Self-Consumption

##### Note:

Grid-tied solution also supports third-party PV inverters



#### Whole home backup for single-phase home

Designed for homeowners who want full home backup power during a grid outage.

##### Key components:

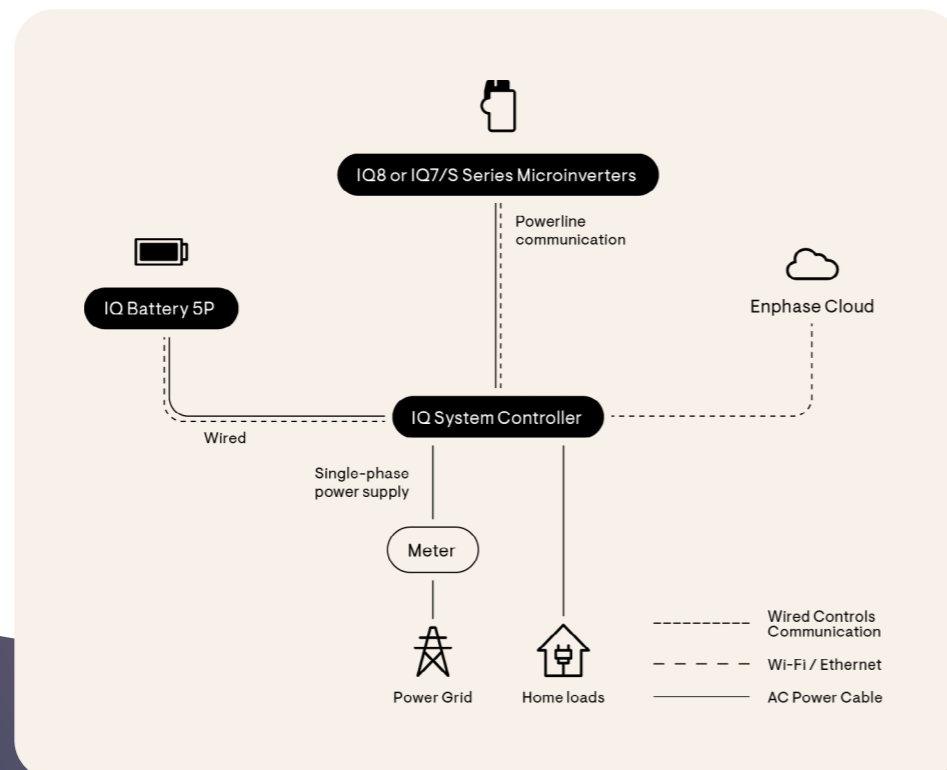
IQ Microinverters, IQ Battery 5P, IQ System Controller 3 INT

##### Grid support:

Single-phase whole home backup

##### Operation modes:

Full Backup, Savings, and Self-Consumption



#### Partial home backup for single-phase home

Designed for homeowners who want to power essential appliances during a grid outage.

##### Key components:

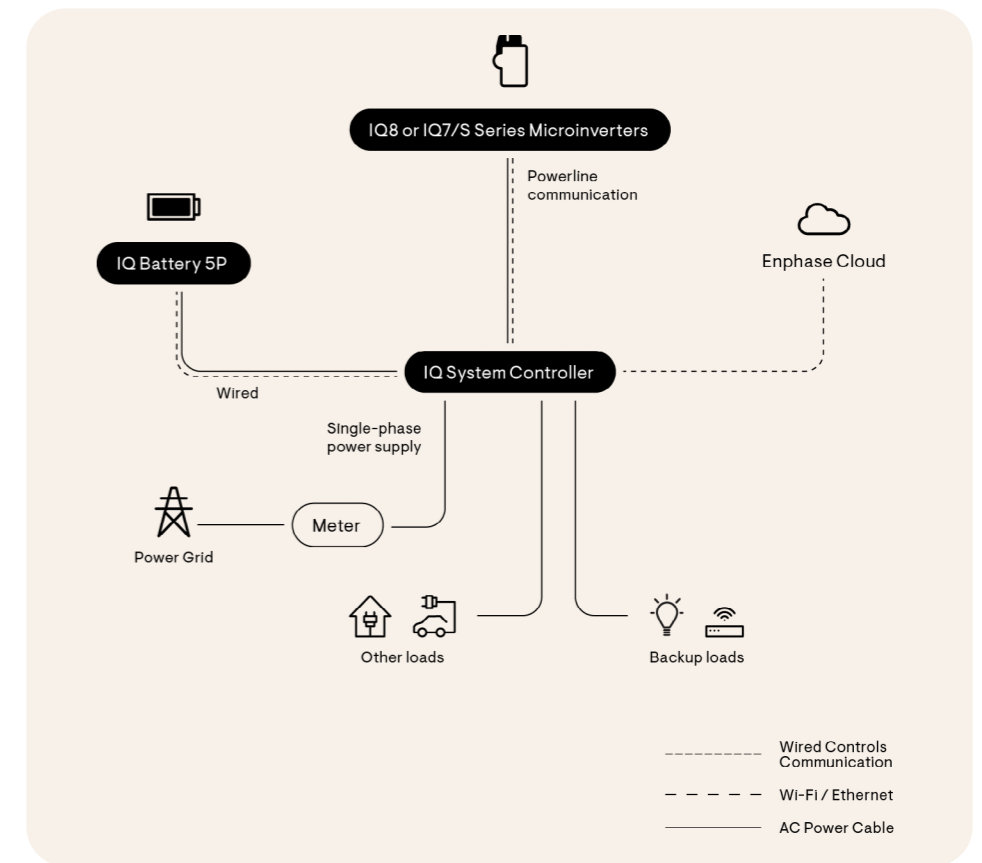
IQ Microinverters, IQ Battery 5P, IQ System Controller 3 INT

##### Grid support:

Single-phase essential loads backup

##### Operation modes:

Full Backup, Savings, and Self-Consumption



#### Single-phase backup for three-phase home

Designed for homeowners who want to power essential appliances during a grid outage.

##### Key components:

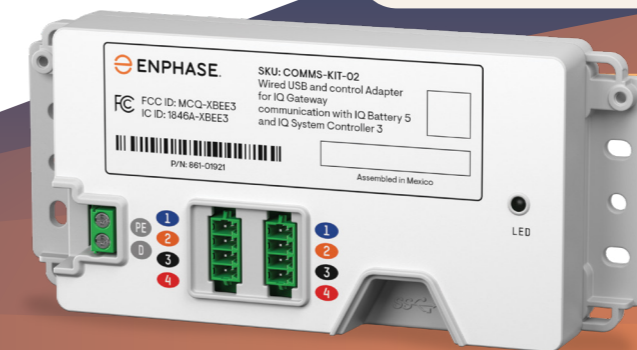
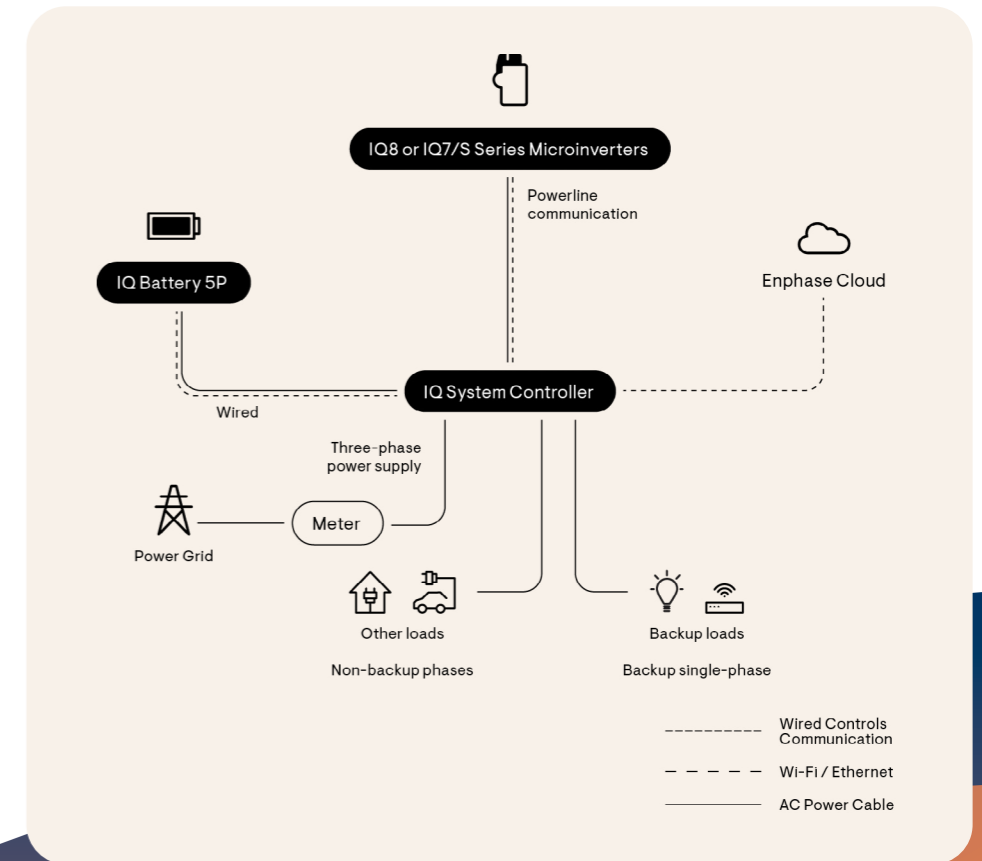
IQ Microinverters, IQ Battery 5P, IQ System Controller 3 INT

##### Grid support:

Three-phase with backup on phase 1

##### Operation modes:

Full Backup, Savings, and Self-Consumption



#### Introducing the Communications Kit 2

Enables the IQ Gateway Metered to communicate with the IQ Battery 5P via wired control communication in grid-tied mode.

# Enphase training and support

## Become a solar star



### Events and webinars

Earn CPD points. Join us in-person, live online, or learn in your own time with on-demand webinars.



### Training videos

Learn Enphase system design, installation, and commissioning best practices.



### Enphase university

Access the official Enphase installer training program and earn CPD points.



### Engineering design reviews

Our engineers are available to assist you at the design stage to ensure a smooth installation and commissioning process.



### Self-service warranty claims

Save time and get reimbursed faster with self-service warranty claims and quick labour reimbursement payments.



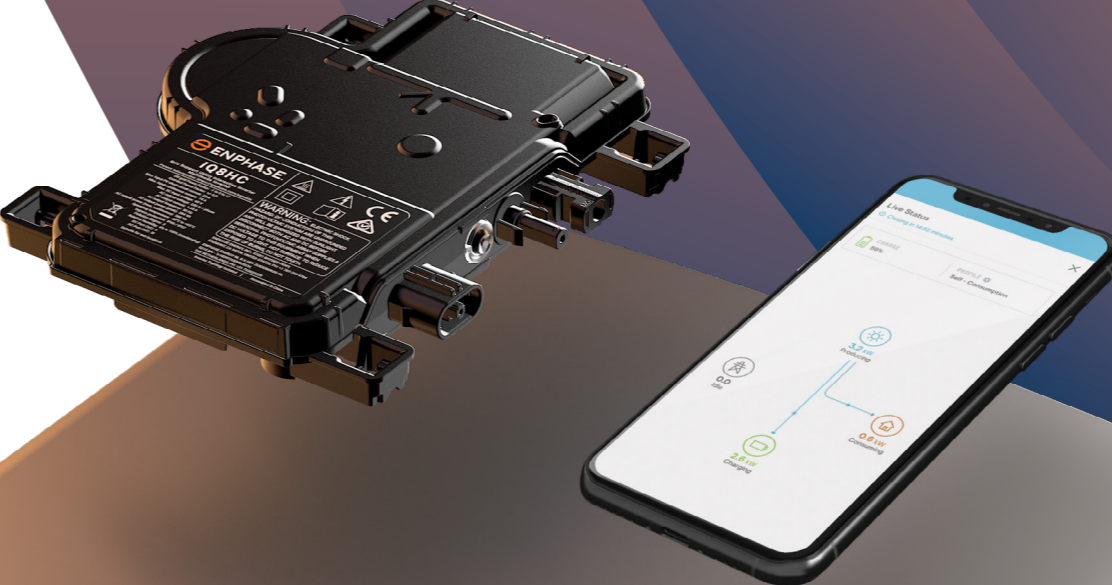
### <1 Minute support wait time

Our 24/7 Australian-based technical support team measures wait times in seconds – not minutes or hours.



## Shine brighter

The Enphase Installer Network is here to empower you with the essentials to grow your business. Get exclusive lead generation, engaging promotional material, and priority access to cutting-edge products and more. We're dedicated to helping you sell more, install more, and ultimately, enjoy more success with Enphase.



Learn more







# The journey doesn't end here

## Installer documentation centre

Download data sheets, tech briefs, installation guides and more.



Learn more

## Enphase authorised distributors

### Australia



### New Zealand

