

15
YEAR Industry-leading
limited warranty



Shine brighter

 **ENPHASE**

For solar installers

Tomorrow's home energy today

Is your business future-proof? Our intelligent 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.

ENPHASE IQ® MICROINVERTERS

ENPHASE IQ™ BATTERY 5P

ENPHASE® APP

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 three million homes across more than 145 countries rely on 58 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	Up to 25 years	10-15 years	A longer limited 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.

IQ8 Series.

Our most powerful microinverters yet.

Introducing our smartest, most powerful microinverters ever: The Enphase IQ8™ Series. Designed to match the latest generation of high-output solar modules, they deliver superior reliability, safety, and quality for residential and commercial solar systems. Now you can sell more solar using less roof space and feel confident knowing it's all backed by an industry-leading 15-year warranty, extendable to 20 or 25 years.



Designed to match the latest generation of high output solar modules

- Supports the latest high current solar modules using M10 wafers
- IQ8 product family supports all common solar module powers and cell architectures
- Future proof, add new panels or IQ Batteries at any time
- Smart-grid ready



Industry-leading limited warranty

IQ8 Microinverters are backed by an industry-leading 15-year limited warranty as standard, extendable to 20 or 25 years.



Easy to design, install and commission

- Lightweight and compact with integrated MC4 connectors for easy installation
- Fast installation with simple AC cabling
- Faster firmware upgrades thanks to new integrated circuit technology



High energy production, reliability, and safety

- More than 1 million power-on hours of reliability testing
- Patented Burst Mode technology increases energy production
- Low voltage DC and Rapid Shutdown for the ultimate fire safety



More energy per square meter

Our highest output microinverters ever, IQ8 packs more power into less space than other rooftop solar systems.

Your new single source for Enphase documentation



IQ7A™ Microinverter

Module pairing
350 - 485 W

Project voltage
230 V L-N & 400 V WYE

Module compatibility
High powered

Rated power
366 VA

Burst Mode Technology

Rapid Shutdown



IQ8AC™ Microinverter

Module pairing
350 - 480 W

Project voltage
230 V L-N & 400 V WYE

Module compatibility
Latest high power/current

Rated power
360 VA

Burst Mode Technology

Rapid Shutdown



IQ8HC™ Microinverter

Module pairing
350 - 505 W

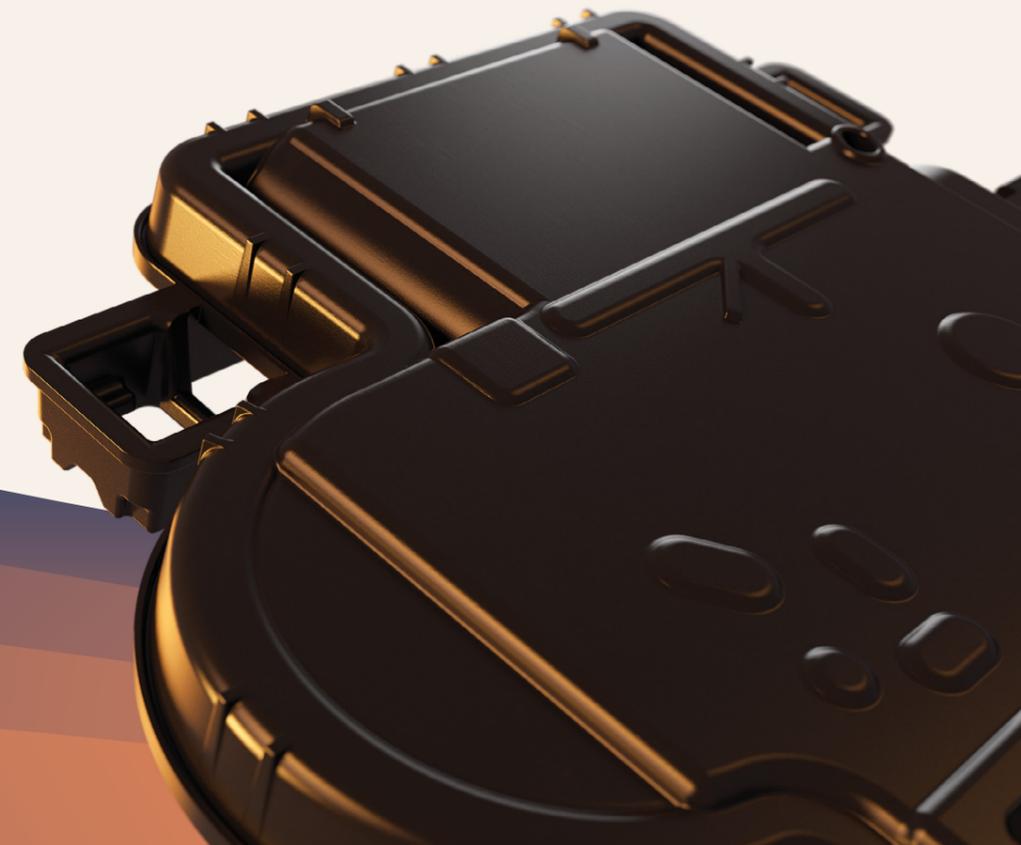
Project voltage
230 V L-N & 400 V WYE

Module compatibility
Latest high power/current

Rated power
380 VA

Burst Mode Technology

Rapid Shutdown



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.



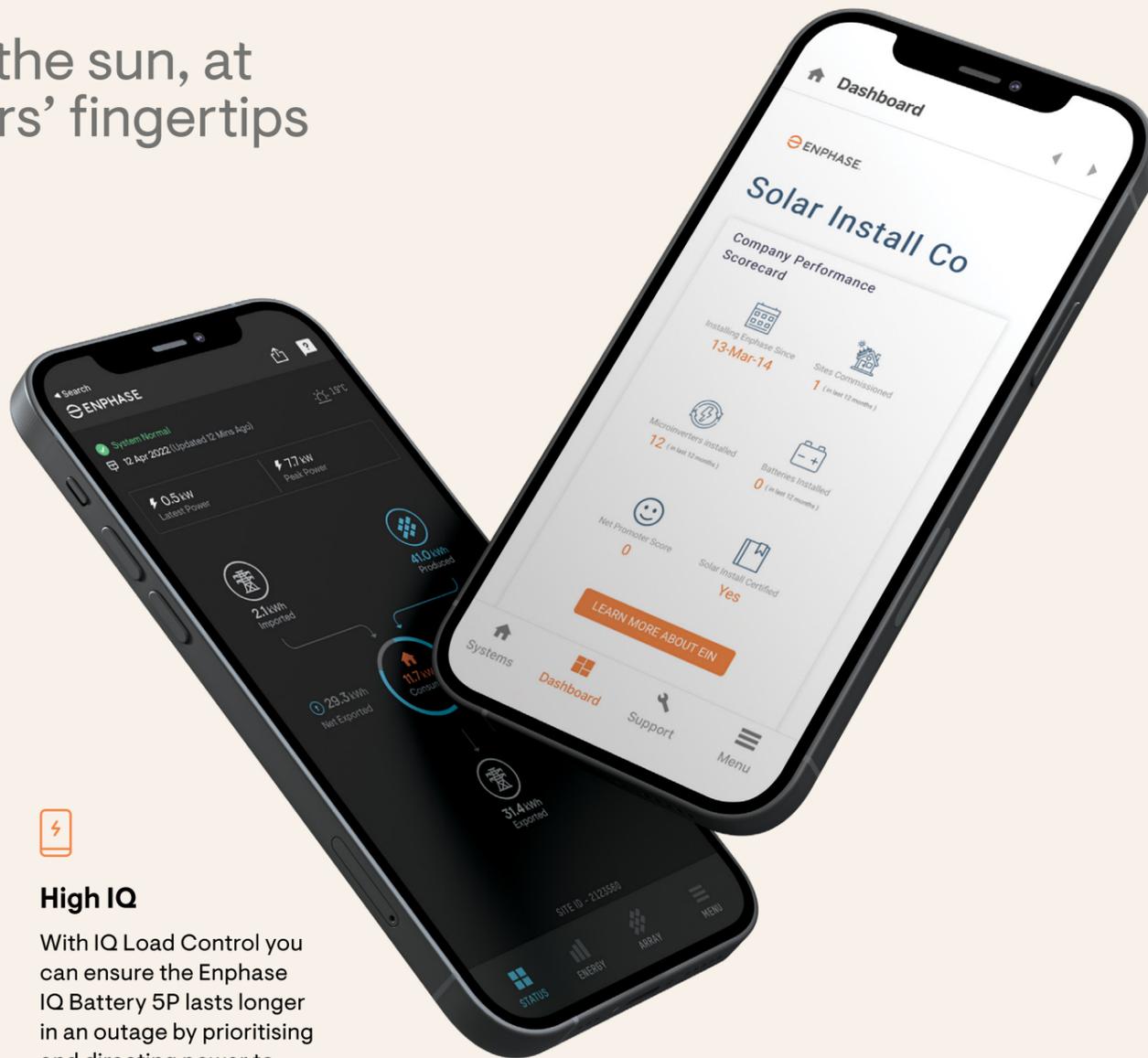
Panel-level production insights

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.



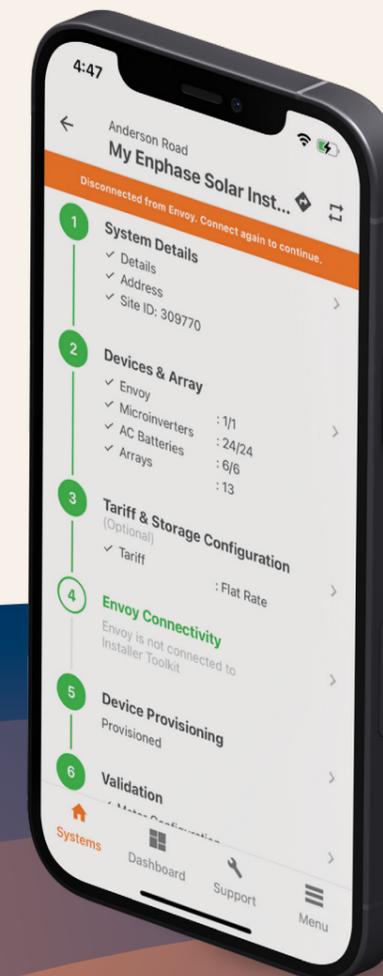
Module-level monitoring

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



Select phases

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



Introducing the Enphase IQ Battery 5P

When the sun sets, it shines

By adding an Enphase IQ Battery 5P, your customers can enjoy the benefits of a complete home energy management system, letting them take even greater control over making, using, and saving their own electricity.

The Enphase IQ Battery 5P comes in a modular 5 kWh capacity to provide the most flexibility when designing a customer's storage needs.

Your new single
source for Enphase
documentation



Meet the IQ Battery 5P

Powerful

- Every 5 kWh unit delivers 3.84 kVA
- Extra 200% surge capacity for 3 seconds
- 160% surge for 10 seconds

Reliable

- IP55 rated to ensure power delivery in even extreme weather conditions
- Six swappable IQ8D-BAT Microinverters (no single point of failure)
- Passive cooling (no moving parts/fans)
- Industry-leading 15-year limited warranty

Smart

- Mobile app-based monitoring and control
- Under 60-minute commission using the Enphase Installer App
- Grid-forming capability for backup operation
- Remote software and firmware upgrades
- Hardwired CAN connections for greater speed and reliability

Simple

- Fully integrated AC battery system
- Quick and easy plug-and-play installation
- Interconnects with standard household AC wiring

Safe

- Lithium iron phosphate (LFP) chemistry for maximum safety and longevity
- Operates at low-voltage DC power (avoiding the dangers that come with high-voltage DC power)



IQ™ System Controller 3 INT

The IQ System Controller 3 INT is much more than a transfer switch. It's the brain that seamlessly connects the home to grid power, the IQ Battery, and solar PV. In addition, it contains a microgrid interconnection device (MID) that automatically detects and seamlessly transitions the Enphase® Energy System™ from grid power to backup power.

It saves you time and facilitates ease of installation by consolidating interconnection equipment and the communication gateway into a single enclosure. It also provides a consistent, pre-wired residential and light commercial applications solution.

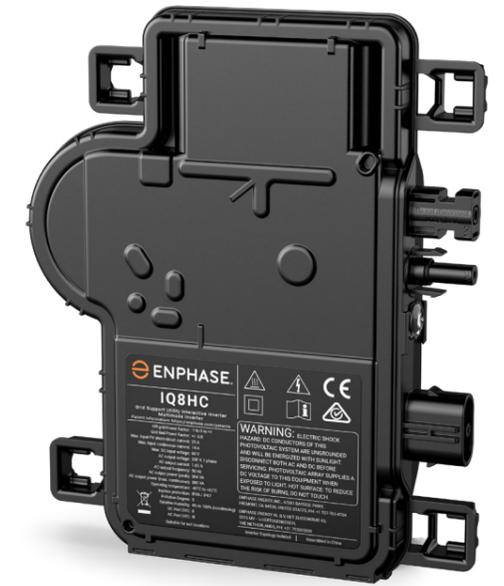
Features

- Microgrid interconnect device (MID) with 80 A per phase
- IQ System Controller 3 INT contains an advanced version of the Enphase IQ Gateway that communicates via powerline communications to Enphase S-Series and IQ Microinverters
- CAN hard-wired communication system is incorporated to communicate between the IQ System Controller the IQ Batteries
- IQ Gateway will communicate to the internet via Ethernet, Wi-Fi or Cellular to the Enphase Installer Portal
- Integrated IQ Relays for easier installation
- Integrated Production and Consumption CTs



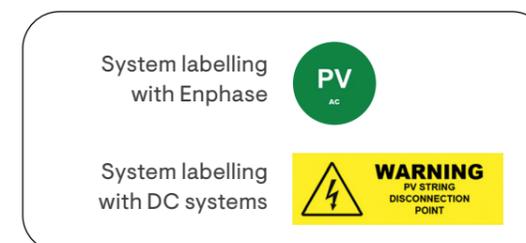
AS5033, the easy way

The AS/NZS 5033:2021 raised the bar for DC string system safety. The Standard is 143 pages, however, the enhanced safety of Enphase Microinverters makes them exempt from almost all the new requirements.



Revised microinverter requirements

Item	AS/NZS 5033:2014	AS/NZS 5033:2021
Microinverter rated power limit	350-Watt limit.	No power limit.
DC Switch disconnectors	Switch disconnectors not required for module connection to microinverter.	Exemption < 120VDC applies to Microinverters: DC connectors can be used as load break switch disconnectors.
Microinverter mounting position and DC cable length	Cable length from the PV module to the DC conditioning unit is no longer than 1.5 m. No extension cables.	Exemption < 120VDC applies to Microinverters: No cable length restriction, inverter can be up to 1.5m from PV module.
PV Array earthing	Minimum size PV Array earth conductor = 4mm ² for all systems.	*Exemption < 120VDC applies to Microinverters: For isolated inverters, PV Array earthing can use the earth wire in AC cable (i.e. 2.5 mm).
Green circular reflective sign for emergency services	Basic "PV" warning sign for all systems.	Three "PV AC" warning signs to identify PV array cabling/disconnection type.
Earth fault alarms	Not applicable for ELV systems.	*Exemption only for inverters classified as isolated per IEC 62109-2.



*Enphase Microinverters are double insulated, transformer isolated and hence classified as "isolated" inverters per IEC 62109-2 and AS/NZS4777.2 2020. Typical DC string inverters are not classified as isolated.

Enphase training

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 up to 30 core CPD points.

Learn more at enphase.com/en-au/installers/training



The Enphase Installer Network

The Enphase Installer Network is designed to help you grow your business with exclusive promotional material, priority access to products and more. Our goal is to help you sell more, install more, and make more with Enphase.



Enphase
Platinum
Installer



Enphase
Gold
Installer



Enphase
Silver
Installer

Branding and promotion Highest priority	Branding and promotion High priority	Branding and promotion Priority
Access to new products Pre-launch	Access to new products Priority at launch	Access to new products Normal after launch
Product allocation Highest priority	Product allocation High priority	Product allocation Priority
Executive access Invitation to executive roundtable	Executive access Invitation to tradeshow summit	Executive access Invitation to tradeshow summit
Product Warranty Discounted extension up to 25 years	Product Warranty Discounted extension up to 25 years	Product Warranty Market price
Zero-cost leads Highest priority	Zero-cost leads High priority	Zero-cost leads Priority

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