



Get more power and safety for your home with Enphase solar





With Enphase solar, you're in control, and that's a powerful thing. You can save money. You can manage your own energy. You can be energy independent. But none of that matters if it's not safe. That's why Enphase is built from the ground up with safety in mind.

Safe



Enphase microinverters are commonly chosen for daycare centres and schools, since they meet even the strictest government safety requirements.

Works like the rest of your AC-powered home

Traditional rooftop solar systems generate high-voltage DC that can spark a fire if something goes wrong between your panels and the central inverter. With the Enphase IQ™ microinverter system, there is no dangerous high-voltage DC running across your roof, only the same standard AC that powers your appliances. We started with safety first when we designed Enphase solar, since that's what we'd want for our homes.

Built-in rapid shutdown

Mandatory on all solar systems in the United States to reduce fire and electrocution risk, rapid shutdown provides a quick and easy method to de-energise solar panels to ensure complete safety for you and first responders in the event of an emergency. While not yet law in Australia, Enphase microinverters can safely shut down automatically without the workarounds required for traditional inverters.

Remote technical support

The Enphase Envoy™ communication gateway connects your solar array to the internet, facilitating live access to data on system performance and critical issues. The Envoy communication gateway sends out automatic alerts about technical issues to your installer and enables remote troubleshooting.

Smart

A single app for everything

The Enphase Enlighten™ app (iOS and Android) gives you a real-time view of your energy production and consumption at a panel level. So, you can make informed choices about how best to use the energy your home generates.



Powerful performance means lower electricity bills

Did you know that a traditional inverter solar system's output is only as strong as its weakest panel? This is because the panels are daisy-chained together like Christmas lights. With this setup, you can lose more than half your production if just a small section of panel is covered with shade or debris. With Enphase, each panel is fitted with its own microinverter to create panel-level independence and generate the most energy possible.

Be ready for tomorrow with unparalleled flexibility

Enphase microinverters allow panel arrays to be installed across multiple roof areas and orientations. This level of design agility enables the maximum harvest of sunlight and means that your system expansion options are only limited by your roof space.

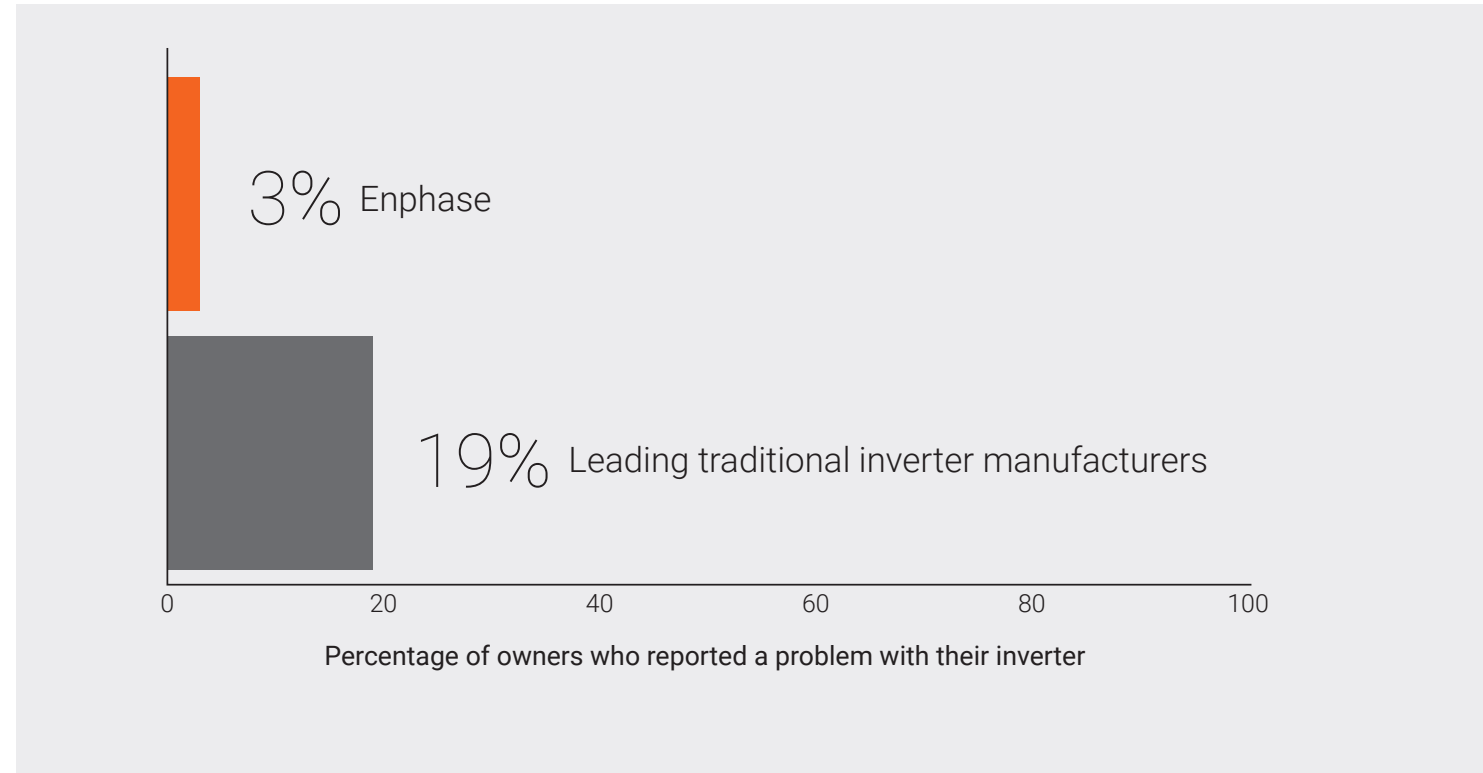
Take full advantage of your power

Don't waste the energy your system produces when nobody's home. The Enphase AC Battery stores your excess power for when you need it, so you can save a whole lot more on your energy bill.

Tough

In a CHOICE member survey on solar PV systems, only 3% of Enphase inverter owners reported problems. This is significantly lower than owners of the leading traditional inverter manufacturers.

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



Own a system you can count on

Australia's weather is no joke, especially in remote locations. With more than 1,000,000 hours of extreme environmental testing and an industry-leading commitment of less than 500 defects per million units manufactured, Enphase microinverters are at least 100 times more dependable than a smartphone. Choose a solar system that is built to last and thrive in the harshest of environments.

No single point of failure

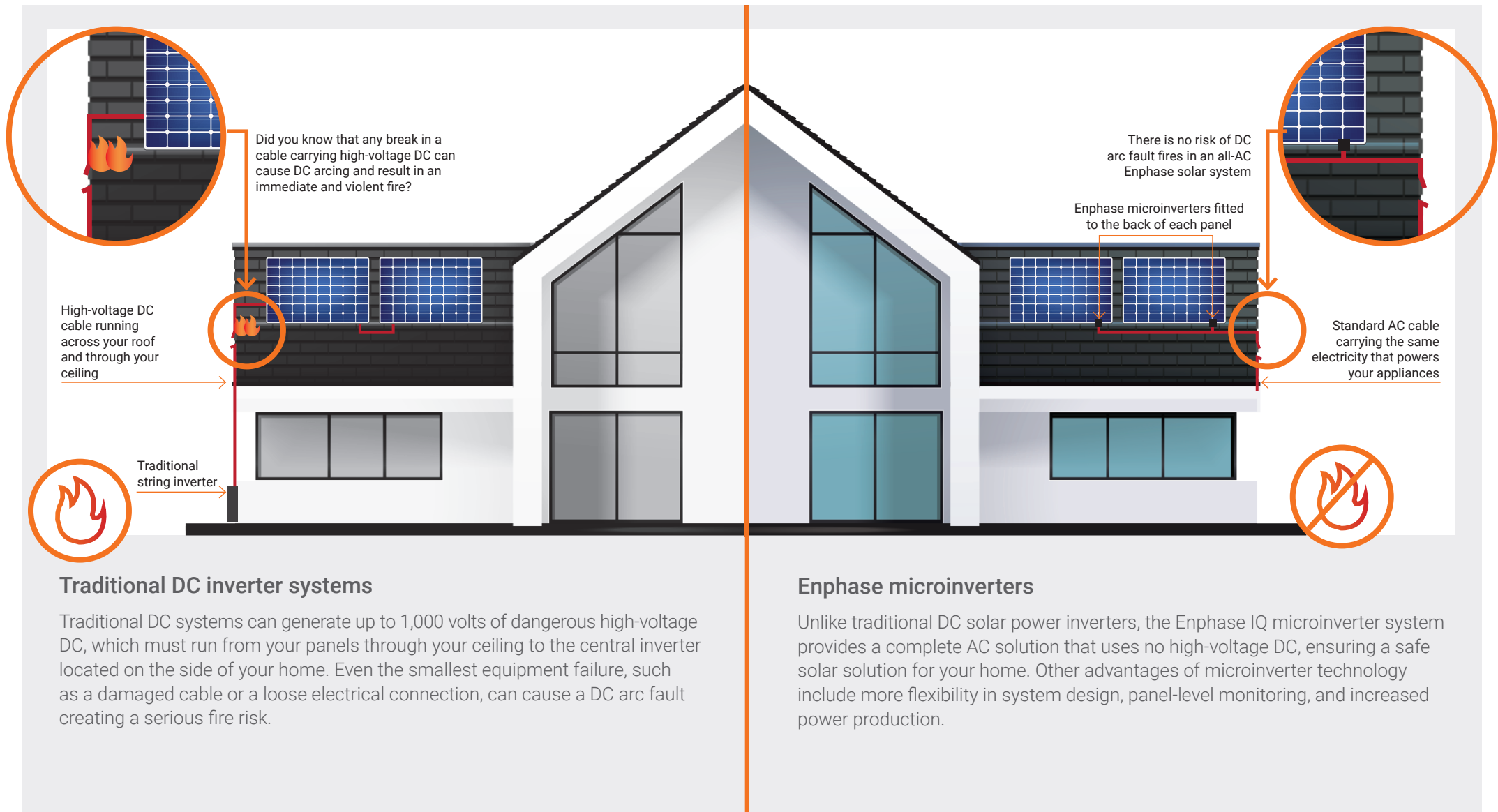
Unlike traditional inverter systems, where all the power from your panels runs through a single, central inverter, if a panel or Enphase microinverter stops working, the rest of your system will continue to function with minimal disruption. Your Enphase Envoy communication gateway will also automatically inform your installer and most cases issues can be fixed remotely, saving you days of downtime and the hassle of having to call out a technician.

Longest warranty on the market

Enphase is obsessive about quality and stands by its products with the industry's strongest warranties. Enphase microinverters come with a 10-year warranty as standard, with options to extend coverage to 15, 20 or 25 years. Enphase is one of the only inverter manufacturers to offer a warranty of up to 25 years in Australia*.

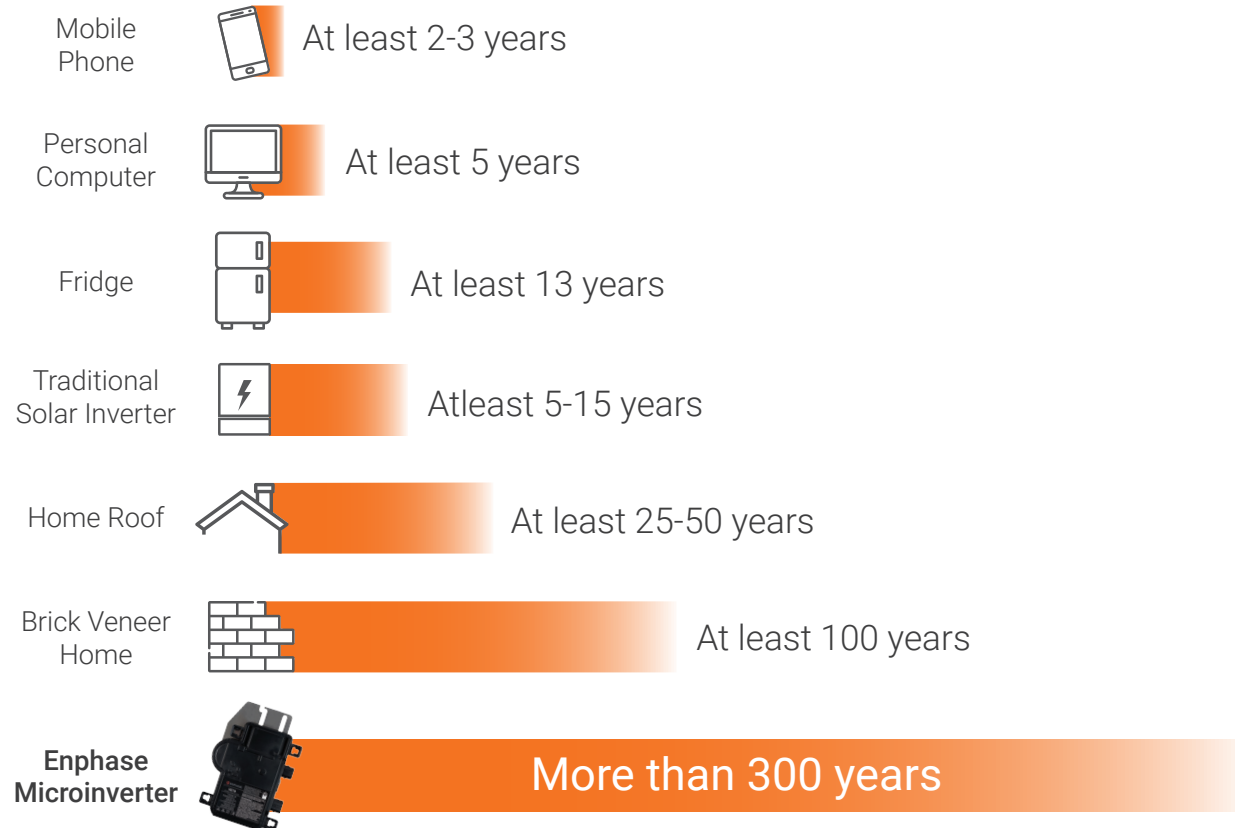
* For details go to <https://enphase.com/en-au/homeowners/services>

DC vs AC



Built to last

Mean Time Between Failure (MTBF)



MTBF is not an indication of the actual service life of a product, but is rather an important marker in reliability engineering and has its roots in the aviation industry, where airplane failure can result in fatalities*.

* For details visit go.enphase.com/au/mtbf

Over one million solar installations

We've been perfecting safe, smart and tough microinverter technology for more than 14 years on over one million rooftops.



Safe, smart and tough.

Designed in California.



Contact an Enphase installer today
enphase.com/au



ENPHASE

IQ 7+

IQ 7+ Grid Support Interactive Inverter
For Enphase patent information, refer to:
<http://enphase.com/company/patents/>

Power Factor Range: ± 0.7
FC input range: 16-48V
Max. input short-circuit current: 15A
Max. input continuous current: 12A
AC output voltages: 208 / 240V
AC output currents: 1.42 / 1.23A
AC output frequency: 60Hz
AC output power (max. continuous): 290VA
Operating temperature: -40°C to 145°C
Ingress protection: NEMA Type 6
Photovoltaic Rapid Shutdown Equipment
NEC 690.12 and 622.1(2)15 Rule 68-219
UL1741 SA Compliant | Assembled in China

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference received, including interference that may cause undesired operation.

WARNING: RISK OF SHOCK. WARRANTY VOID IF COVER REMOVED. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

WARNING: ELECTRIC SHOCK HAZARD. DC CONDUCTORS OF THIS PHOTOVOLTAIC SYSTEM ARE UNGROUNDED AND MAY BE ENERGIZED. AC AND DC VOLTAGE SOURCES TERMINATE INSIDE THIS EQUIPMENT. DISCONNECT BOTH BEFORE SERVICING. PHOTOVOLTAIC ARRAY SUPPLIES A DC VOLTAGE TO THIS EQUIPMENT WHEN EXPOSED TO LIGHT. HOT SURFACES: TO REDUCE THE RISK OF BURNS - DO NOT TOUCH.

ATTENTION: RISQUE D'ELECTROCUTION. LES CONDUCTEURS CC DE CE SYSTEME PHOTOVOLTAIQUE NE SONT PAS RELIES A LA TERRE ET PEUVENT ETRE SOUS TENSION. DES SOURCES DE TENSION CA ET CC SONT CONNECTEES A CET APPAREIL. ISOLEZ LES DEUX SOURCES AVANT TOUTE INTERVENTION. LES CABLES COURANT CONTINU SONT SOUS TENSION LORSQUE LE CHAMP PHOTOVOLTAIQUE EST EXPOSE A LA LUMIERE. RISQUE DE BRULURE. NE PAS TOUCHER.

