

Enphase Energy System

Complete home energy, powered by the sun

The Enphase Energy System combines solar, batteries, and EV charging in one complete platform so you can make, use, save, and sell your own energy—and easily manage it all through Enphase's smart mobile app.



The longest inverter and battery warranties available in Australia.



Lower your utility bills and claim energy independence.



More reliable. Higher performance. Better safety.



IQ Microinverters

The brains behind the panel. Unlike string inverter systems, Enphase features independently functioning microinverters under each panel to maximise performance and reliability.

IQ EV Charger 2 Expected early 2025

Integrate with the Enphase Energy System to charge your EV using clean solar power, and let smart charging optimise your charge schedules to maximise electricity bill savings.



IQ Battery 5P

When the sun sets, it shines. Store solar power to use anytime—at night or during peak hours to reduce energy bills or when there's an outage and grid power is unavailable.

Enphase App

See where your power is flowing in real-time. Monitor and manage your system from anywhere with the most powerful mobile app ever created for solar.



Design the perfect system for you

We have you covered with a system design to match your home energy goals. Plus, our network of certified installers can help you every step of the way.

	Solar Only	Solar + Battery without backup	Solar + Battery with backup
	Produce solar energy only when the grid is up	Produce and save solar energy only when the grid is up	Produce and save solar energy even when the grid is down
Save money on my monthly utility bill	✓	✓	✓
Reduce my carbon footprint	✓	✓	✓
Manage my system's performance live, and over time, on a mobile app	✓	✓	✓
Store excess solar energy in a battery to use more of your own power, even overnight or when the sun isn't shining as much	-	✓	✓
Keep your essential loads running for longer during an outage (air conditioner, EV charger, heat pump, washer/dryer, etc.)	-	-	✓
ENPHASE SYSTEM COMPONENTS	Enphase App IQ8 Microinverters IQ7 Microinverters S Series Microinverters IQ Gateway IQ Relay Current Transformers	Enphase App IQ8 Microinverters IQ7 Microinverters S Series Microinverters IQ Gateway Communications Kit 2 IQ Battery 5P IQ Relay Current Transformers	Enphase App IQ8 Microinverters IQ7 Microinverters S Series Microinverters IQ System Controller IQ Battery 5P

The Enphase advantage	Competitive technology
Longer warranties <ul style="list-style-type: none"> • 25-year IQ Microinverter limited warranty • 15-year IQ Battery limited warranty • 5-year IQ EV Charger limited warranty 	<ul style="list-style-type: none"> • Inverter warranties are typically 10 – 12 years • Battery warranties are typically 10 – 12 years • EV charger warranties are typically 1 – 4 years
More production and power <ul style="list-style-type: none"> • Microinverters deliver the maximum possible energy from each solar panel • Access more power from the combined output of solar and batteries • No single point of failure enables more system uptime 	<ul style="list-style-type: none"> • String inverters bottleneck solar and battery output • With string inverter technology, energy output is limited by the weakest solar panel
Proven technology and reliability <ul style="list-style-type: none"> • 8 generations of microinverters released over 16 years, with over 4 million systems deployed • Microinverter-based solar and battery design has no single point of failure; if a microinverter fails, your system keeps producing energy (0.05% microinverter failure rate - 1 in 2,000) • Enphase Sunlight Jumpstart technology enables automatic system recovery, even if your battery is fully depleted after a prolonged outage 	<ul style="list-style-type: none"> • Single failure point can lead to complete system shutdown; if a failure occurs, your entire solar and battery system stops working
Safest design <ul style="list-style-type: none"> • Microinverters use low-voltage AC power • The system contains no dangerous high-voltage DC power and no risk of DC arc fault fires • Enhanced safety for homeowners and first responders with built-in rapid shutdown capability 	<ul style="list-style-type: none"> • Systems with string and hybrid inverters use high-voltage DC solar power • Additional rapid shutdown equipment required
Faster support <ul style="list-style-type: none"> • 24/7 phone customer support • Wait times under one minute • Easy on-site system serviceability 	<ul style="list-style-type: none"> • Limited on-site system serviceability