

IQ Battery advantages

The Enphase system is efficient, modular, and affordable—and it’s making home battery backup more practical for more people than ever.



	Enphase	Others	Why Enphase
All-in-one solar plus storage	Yes	No	Enphase unites inverter, battery, and monitoring—one company on a single software platform—creating the most versatile system in the industry.
Install any size solar and battery system	Yes	No	With IQ8 microinverters on solar panels, there are no solar and battery ratio sizing restrictions.
Modular battery capacity	Yes	Yes	Enphase’s AC-coupled system allows you to start small, go big, or grow over time.
Safe cobalt-free battery chemistry	Yes	Varies	Enphase batteries use Lithium Iron Phosphate (LFP) battery chemistry to provide industry-leading safety and undergo the most rigorous industry testing and certification.
Power Start™ technology	Yes	No	Advanced Power Start™ technology lets you turn on power-sapping appliances smoothly, while reducing the risk of system crashes.
Weather alerts and battery prioritization	Yes	Varies	The Storm Guard alerts you to extreme weather events and automatically helps prepares your home to stay powered on during an outage.
Load Control	Yes	Varies	Make your battery last longer in an outage by prioritizing and directing power to critical loads to manage how your home’s energy is used.
AC generator support with no power interruptions	Yes	No	Compatible with most leading AC home standby generators, functions without a generator automatic transfer switch and eliminates the power glitches normally experienced when switching to generator power.