

SolarInnovate Energy Solutions

Enphase energy storage battery



Overview

Enphase batteries use safe lithium iron phosphate battery cells, can be installed in multiple combinations of capacity and output, and come with industry-leading 15 year, 6,000 cycle warranties. What is Enphase IQ battery 10 AC-coupled storage system?

The Enphase IQ Battery 10 all-in-one AC-coupled storage system is reliable, smart, simple, and safe. It is comprised of three base IQ Battery 3 storage units, has a total usable energy capacity of 10.08 kWh, and twelve embedded grid-forming microinverters with 3.84 kW power rating.

What solar batteries does Enphase offer?

Enphase offers three lines of solar batteries: the IQ Battery 3/3T, IQ Battery 10/10T (the “T” stands for thin – these versions share the same technical specs but are just a little thinner), and most recently, the IQ Battery 5P.

Why would Enphase offer a small battery?

The IQ Battery 3/3T boasts 3.36 kWh of usable capacity, which is quite small for residential storage. So why would Enphase offer such a small battery?

The value of the IQ 3/3T boils down to its modularity — or the ability to stack together smaller batteries to create more precisely-sized systems.

Can I install Enphase IQ batteries without a backup?

As shown in the above graphic, it is possible to get Enphase IQ batteries installed at your home for solar self-consumption without backup functionality. In this setup, you can skip installing the System Controller and IQ Combiner, and simply connect an IQ battery to your main load panel.

Does Enphase install batteries?

Like most solar and battery manufacturers, Enphase itself doesn’t perform battery installations. It trains and certifies solar and battery installers across

the country to handle its products. So, if you want to install an Enphase battery — or any Enphase products- you'll first have to find a local installer that carries these products.

How many IQ batteries does Enphase offer?

Enphase offers five IQ battery models that are divided into two generations. The 2nd generation models include the IQ Battery 3/3T and 10/10T. The IQ Battery 5P is the only 3rd generation battery (so far). Some quick tips: Let's take a closer look at the strengths and weaknesses of each model.

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