

# Upgrading Solar with Storage is #easyasACB

## CHALLENGE

Finding a way to integrate multiple solar PV installations with one storage system and monitoring platform

## SOLUTION

Take full advantage of the Enphase AC Battery for plug-and-play compatibility with every part of the system

## RESULT

An effortless retrofit which preserves the homeowner's original solar investments while updating the entire system to future technology standards



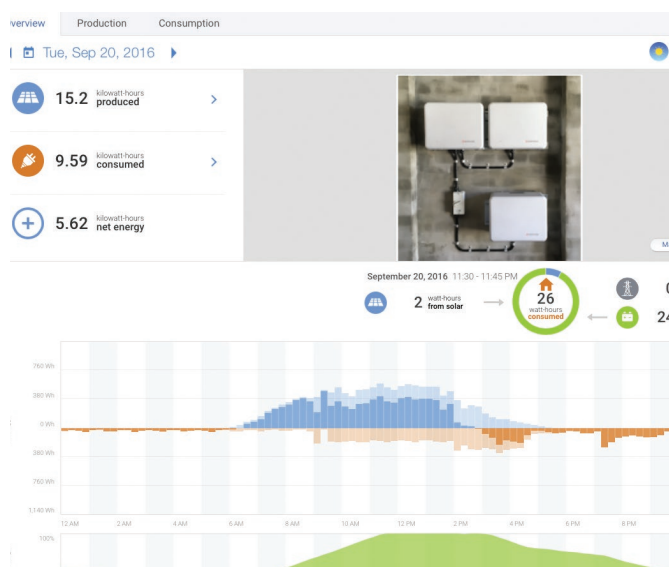
“I chose the Enphase AC Battery because it's the best storage system on the market and all the required software comes standard.”

— Ron Bender,  
Homeowner,  
Former Newcastle Police Commissioner

With a collection of aging solar technology on his roof, Ron Bender needed storage that could combine his various existing solar PV installations into a single, easy to monitor home energy solution. Only the Enphase AC Battery would do.

### The culmination of a solar journey

Ron Bender's solar journey began six years ago with his first solar rooftop PV installation, aiming to reduce his power bills and do his part for the environment. Following this, Ron had solar hot water and an extension of his rooftop PV system installed by **GoSolar Newcastle**. During this time, solar had made big leaps forward in technology and the economics had also changed immensely. With the advent of a drastically reduced feed-in-tariff and new but incompatible energy storage offerings, Ron found that his initial solar investments were at risk of becoming redundant before even half of their warranted lifetime was up. Luckily, **GoSolar Newcastle** - who by now had a long standing relationship with him as a customer - suggested Enphase to tie together Ron's various solar installations into one seamless energy solution, complete with monitoring and storage.



Ron's complete Enphase Home Energy Solution combines several old solar systems that now work seamlessly with his Enphase Storage System, thanks to Enphase's highly integrated technology.

### Any system can be Enlightened

After some initial research into solar battery technology, Ron realised that there was no one-size fits-all solution for a system of any size. It all depended on the household's own unique consumption and generation patterns. Finding his own storage sweet spot turned out to be easy thanks to the powerful monitoring capabilities of Enphase Enlighten. The "highly addictive energy app" showed Ron that three Enphase AC Batteries, or 3.6kWh of storage, would provide just about the right amount of storage capacity for his excess solar generation during the day, while also adequately covering his night time power requirements.

"It helped me to identify the culprit appliances that were secretly drawing much more power than I expected" said Ron, who was delighted to be cutting his energy bills before the batteries had even been installed. Enlightening and unifying his multiple solar systems with Enphase monitoring not only made them storage-ready, but also gave Ron total transparency of his home's energy usage patterns, allowing him to address wastage and avoid over-spending on unnecessary storage capacity.



### INSTALLATION SUMMARY

Client **Ron Bender**  
 Location **Eleebana, NSW**  
 Installer **GoSolar Newcastle**  
 System Size **6kW solar with 3.6kWh storage**  
 Enphase Installed **3.6kWh or 3 Enphase AC Batteries**

### Retrofitting, peak shifting and expanding is #easymasACB

3 weeks after a quick and painless installation of his batteries, Ron hasn't glanced back from his decision to go with Enphase. "Smart home energy storage has not only completely changed the way I think about our energy, it has also reduced my power bills and allowed me to do my bit for the environment, which is an added bonus", says Ron, whose AC Batteries work effortlessly to cover his consumption between 4PM to 9:30PM every day. Impressed with the performance of his energy storage, Ron is already considering expanding with one or two more batteries - easily possible thanks to the bite-sized modularity of the Enphase AC Battery.

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**Enphase Energy, Inc.**, is a global technology company with an innovative and intelligent home energy solution that seamlessly integrates generation, storage, management and control. Our mission is to deliver solutions that make clean energy affordable, reliable, and accessible to all.

See the **\*Bender Home Installation** yourself in Enlighten or, to find out more about Enphase, visit [enphase.com/au](http://enphase.com/au)

\*Public Enlighten only shows electricity generation for privacy purposes.