How to take advantage of the growing demand for intelligent solar solutions
The intelligent solar boom

The demand for solar energy in residential installations is on the rise and has been for some time. Lower costs, better solar cell efficiency, a more supportive regulatory and taxation environment and concern about climate change have all contributed to the surge in demand.

At the same time, the smart home revolution means that today’s consumers are more demanding and expect higher levels of control over their energy use. These ‘prosumers’ want to store energy and only use it when they need to, creating a growing trend for solar inverters with integrated energy storage. Consumers also want to manage their energy usage when they’re away from home, whether that’s from the office or at the airport returning from a holiday.

It’s this demand for control and connectivity that will unlock the real potential for solar power in residential installations.
They count on you…

Your customers count on you to provide them with solar installations that will meet their demands for energy control and storage. This gives you a great opportunity to be at the forefront of the intelligent solar boom.

But to capitalize on it, you need to make sure that you’re up to speed on the latest developments and demands from consumers. Self-consumption of energy is key, so make the most of solutions that put control for energy usage and storage back into the hands of the homeowner.

So count on us

At ABB, our constant innovation means that our solar portfolio offers you the very latest intelligent solar technology. Our portfolio also gives you among the widest choice in the industry so that whatever the nature of your installation, we’ll always be able to provide you with the ideal equipment. In other words, you can count on us for what you need, which means that your customers can count on you.
ABB’s solutions

Two ABB products in particular will help you to meet the growing demand for intelligent residential solar installations:

**REACT** and **UNO-DM-PLUS**. Knowing about these two products will put you in an excellent position to advise your customers and provide them with an installation that meets their requirements.

**REACT**

REACT is a photovoltaic inverter that can manage the energy that the photovoltaic system produces by storing it inside a high-performance battery. Thanks to its integrated load manager, it optimizes energy storage by aligning energy production with the levels of consumption. This makes PV energy available when it’s needed, whether after sunset, during the evening or first thing in the morning.

In line with consumer demand for greater connectivity, REACT has a dedicated app for smartphone or tablet. This allows the user to monitor how much renewable energy is being produced and manage it all remotely or while at home.

When combined, the storage and load management elements make the best use of the energy created within the PV system. This avoids consumption peaks by spreading the electricity load to keep usage within the capacity of the energy produced.
UNO-DM-PLUS

The UNO-DM-PLUS single-phase inverter family is easy to install and fast to commission. Plug and Play connectors, both on the DC and AC side, together with wireless communication, enable a simple, fast and safe installation. And with no need to open the inverter’s front cover, installation time and costs are kept low.

Whilst it’s easier to install, it’s also easier to use. Solutions such as the UNO-DM-PLUS allow customers a remote monitoring experience, thanks to the embedded logging capabilities and the ability to directly transfer the data to the intranet (via Ethernet or WLAN).

Achieve more with your installations

It’s this appetite for greater connectivity and smarter solutions that will drive the future of the residential solar market. As an installer, you’re in a great position to capitalize on the solutions that put control for energy usage and storage back into the hands of the homeowner.

Are you ready for the opportunities presented by smart homes and the demand for solar energy?

Visit abb.com/solar for resources and advice on how you can achieve even more with your residential solar installations.
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