

10 Hot Tips

For Successful AC Battery installations



	Tip	Benefit
1	AC Batteries can work with ANY grid connected solar system.	AC Batteries can run with Enphase Microinverters and any string inverter grid connected solar installations. Hint: The Envoy CTs measure the current of any system type
2	Ensure you keep AC Batteries in an upright position.	When handling an Enphase AC Battery keep it in an upright position. For easy access, connect the Enphase AC Battery AC and DC plug and socket connectors after mounting onto the Wall Mount bracket.
3	Choose the ideal location for your AC Battery installation.	Follow Guidelines and Standards to ensure the AC Battery is correctly located in an indoor non-inhabited, low humidity, and temperature protected environment.
4	Wall Mount your AC Batteries and terminate the AC power cabling using the push pin terminals.	It is recommend to use a screwdriver to open the "push" terminals on the junction box to fit the AC circuit connections.
5	Install the Envoy communications gateway to ensure AC Batteries have best possible powerline communications.	AC Battery operation requires that the Envoy is located in the correct position to communicate to the AC Batteries over the AC Cabling. ALWAYS ensure that the AC Batteries main switch is in the same switchboard location as the Envoy circuit breaker.
6	Confirm the Envoy CT terminals and CT direction arrows for correct wiring.	Ensure that the CTs are installed onto the correct circuit and that the current flow direction is correct for each CT. It can be helpful to mark each CT flying lead.
7	Install an AC load centre sub-board for the Envoy, solar, and battery circuits.	Reduce installation time by installing a sub-board. Create more space to locate your circuits, wiring, and solar production CT.
8	Use the Installer Toolkit to connect an Envoy to the internet.	AC Batteries REQUIRE an internet connection. Use the Enphase Installer Toolkit to quickly connect the Envoy Wifi to the internet via the onsite modem or router. No access to onsite internet, no problem! Use the Enphase Mobile Connect device for a fast and simple internet solution for your installations.
9	Total system commissioning using the Enphase Installer Toolkit.	The Enphase Installer Toolkit smart phone app is required to complete commissioning: Scan microinverters, scan AC Batteries; select the correct grid profiles for microinverter operation; enable CTs for monitoring; connect to Wifi for internet. You can also Create, Build and Scan arrays for system monitoring, from your smartphone!
10	Carry the Enphase Quick Installation guides for AC Battery, Microinverters, and Envoy-S.	Handy onsite reference to ensure you have correctly wired and commissioned your Enphase AC Battery installation.

Our technical support staff are only a phone call away:
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