

IBC Solar 5/6 AS-H21 and 8/10/12 AS-H31 - Commissioning

This brief installation instruction provides a quick overview of all the necessary steps. Additional information, safety instructions, references, and sources can be found in our [HelpCenter](#). The Installation instructions are only valid for the integration of the energy management system and the configuration of relevant assets. Make sure to carefully read the **safety instructions** and adhere to the **infrastructural requirements for a gridBox gateway installation**.

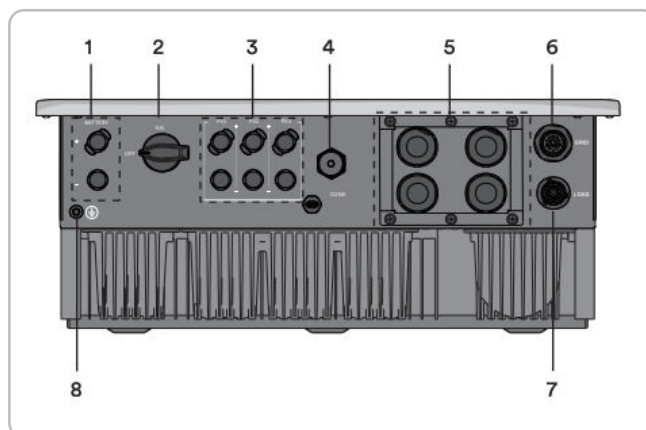
Required:

- Latest firmware, at least V610-50097-04.000
- IBC app



Connection

1. Connect the inverter to the local network via the LAN port using an Ethernet cable.
2. The position of the Ethernet plug on the inverter differs between models, so make sure to find them in the manual of the hybrid inverter.



Configuration

After connecting the inverter to the local network, configure the IP address. You can either configure it to use DHCP, which retrieves the address from the local router, or set it to a valid static IP address. Since DHCP is enabled by default, no additional configuration is needed when using the default settings.

**NOTE**

In case of connection failure the fallback, charging current is configured according to the worst-case calculation of the site. If such a calculation is not available or you are in doubt, set it to 0.

Special case for outside of Germany or retrofit use cases: Parallel operation with multiple inverters

When multiple hybrid inverters are installed in the same location, connect all inverters as stand-alone assets, that is, you must connect each to the network individually. Among the inverters, only one inverter must have one battery and one meter, which must be properly installed according to OEM guidelines. Other inverters do not have a meter installed and are deployed as PV inverters.

Install, configure, and commission all the inverters as independent inverters. This also applies to the case of system retrofit.

Do not interconnect the inverters and do not configure as Master-Slave according to the OEM, because this mode is not compatible with the local energy manager.