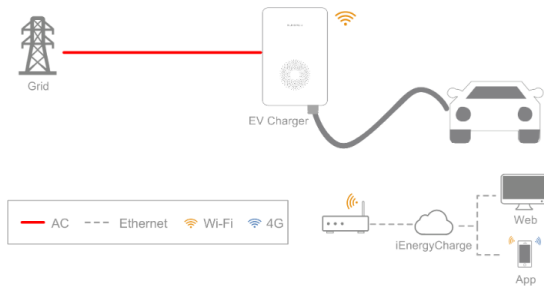


EV-Charger FAQ

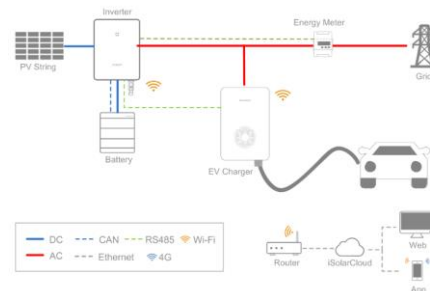
Charging Modes

Applicable to: AC011E-01

AC011E-01 provides several charging modes depending on standalone or Hybrid inverter combined operation.



Standalone operation



Hybrid combined operation

Standalone operation:

The EV-Charger begins to charge your car on full power, after connecting the car and swiping a valid RFID card or scanning the QR-code with iEnergyCharge- App, when the charger is connected to your account.

Hybrid combined operation:

Green Power Charging: This mode is the most economical charging mode in which the charger take priority to use PV energy to charge the vehicle while not affecting the power consumption of other household appliances. If the PV power is lower than the minimum charging power of the charger, the battery and the power grid shall supplement the power.

Fast Charging: The charger can charge the vehicle with the maximum available power in this mode while not affecting the power consumption of other household appliances. In this case, the charging power may come from PV modules, batteries, power grid or all. Users can choose this mode when they need to charge the vehicle urgently.

Pre-set Charging: In this mode, after the user inputs the planned charge amount and pickup time, the system will intelligently switch between in the smart charging mode and fast charging mode, so that the vehicle can be charged at the lowest cost before it is picked up by the user.

Customized Charging: In this mode, users set the appointment time and charging current to charge the EV. The charging power may come from PV modules, batteries, power grid or all.

For further information, please download the user manual [here](#).



iEnergyCharge iOS



iEnergyCharge Android



iSolarCloud

This manual is intended for professional technicians who are responsible for installation, operation, maintenance and troubleshooting of inverters, and users who need to check inverter parameters. The inverter must only be installed by professional technicians.

The professional technician is required to meet the following requirements:

- Know electronic, electrical wiring and mechanical expertise, and be familiar with electrical and mechanical schematics.
- Have received professional training related to the installation, commissioning and troubleshooting of electrical equipment.
- Be able to quickly respond to hazards or emergencies that occur during installation, commissioning and troubleshooting.
- Be familiar with local standards and relevant safety regulations of electrical systems.
- Read this manual thoroughly and understand the safety instructions related to operations.