

BASIC SOLAR PACK



Andersen charge-points operate by default as sending electricity from the grid to the electric vehicle charger, however, they also have the ability to send surplus solar to an electric vehicle (EV).

The Basic Solar Pack is for customers with a micro-generation system who wish to charge their vehicle using surplus energy generated by their solar system. This reduces reliance on grid supply and saves costs.

How Does it work?

The Basic Solar feature uses a CT that is installed onto the grid import cable (the cable used to draw energy from the grid to your home) to approximate solar generation. Basic Solar can be controlled via the Kønnect+ app. This is perfect for those that want to see exactly how much energy they are using from the grid and/or from solar at any one time.

What's included?

- 1 x Grid CT Clamp Sensor
- Kønnect+ app control

Installation of the Grid CT Clamp Sensor

The Grid CT is installed around the live mains input supply, close to the domestic energy meter (Fig:1). A twisted pair shielded signal cable should be used to connect the CT clamp to the Andersen charge point (Fig:2). The cable length between the CT clamp and charge point should not exceed 30 meters.

*Installation must be carried out by a qualified electrician.

Please ensure the CT Clamp is installed the correct way round i.e. not recording negative kW.

Fig: 1 Grid CT Sensor

Grid CT Clamp Sensor Installed around live wire. This monitors the total building power usage and surplus energy.

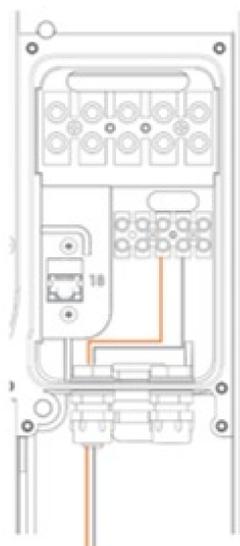
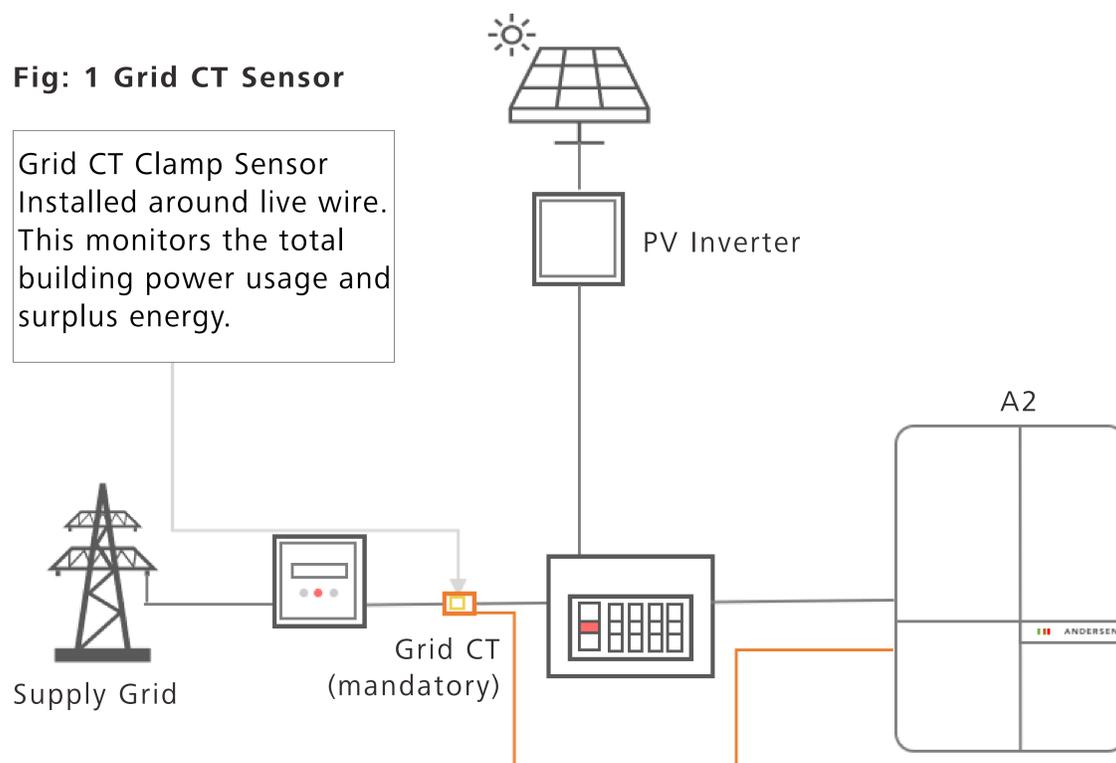


Fig: 2 Grid CT Termination

The CT signal cable is terminated in the Andersen A2 unit cable entry area.