ENcombi

ECev

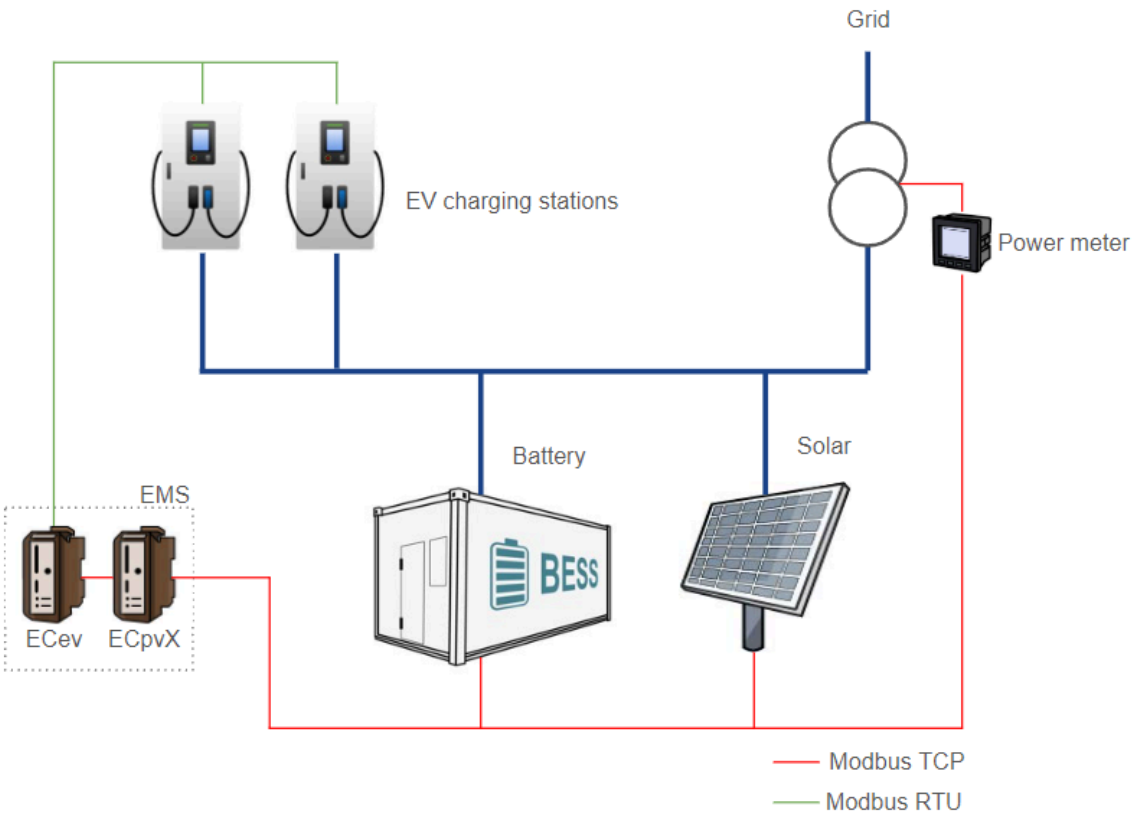
Datasheet

Overview

The ECev from **EN**combi is capable, in conjunction with an ECpvX, to limit the power of EV charging stations based on the generating capacities managed by the ECpvX.

Consult the ECev product page on ENcombi website for detailed information about which EV charging stations are supported. If the EV charging station of your choice is not already on the list then contact us for the possibility of getting it added.
http://www.encombi.com/products/ECev/

Below schematic is an example of how the ECev are fitted into and interconnected to its surrounding environment.



EVCev will communicate with the EV charging stations and the EMS via Modbus. Based on the available generating capacity reported by the EMS, the power limit for each EV charging station is set. The ECpvX acts as EMS which monitors and controls the Battery, PV inverters, and grid connection. The EMS decides what the generating capacity of the plant is, based mainly on the size of the grid connection and SOC of the Battery. Consult the ECpvX User Manual for more information on the ECpvX.
The ECev then calculates how the available power should be distributed between the charging stations.

HW Specifications

The hardware is a high quality, fast and extremely compact and DIN rail mounted unit allowing you to fit it into almost any electrical cabinet at your site or as a part of our ECcube offering.

Ethernet	1 x RJ45 - 10/100Mbs
RS485	2 x isolated fieldbus (master/slave)
Memory	8GB Industrial grade SD card included
Power supply	24Vdc ±15% / 250mA max
Operating Temperature	-20°C to +70°C
Mounting	DIN rail
Dimension	107 x 22.5 x 119 mm (H x W x D)
Weight	About 200g

For more information visit:

www.encombi.com