



ECpvX Cluster

Datasheet

Overview

Is the **EN**combi plug and play controller for stacking of ECpvX controllers. With the ECpvX Cluster controller it is easy to control a pool of ECpvX controllers below the Cluster. The ECpvX cluster controller will be controlled by a master ECpvX controller and in combination with each other, control all ECpvX slave controllers.

Setup and monitoring is easily done via the built-in webserver, **EC**web, describing every step of the setup and providing you with a wide range of monitoring and reports - run it on your PC or on mobile devices. With the **EC**logic feature, you can program custom logics - a simple and powerful tool.

Control

Function \ Variant	Cluster
EC logic	●
Active power control of ECpvX slave	●
Reactive power control of ECpvX slave	●
Unlimited BESS inverter capacity	●

Monitoring

Function \ Variant	Cluster
EC web	●
EC panel	●

Communication

Function \ Variant	Cluster
ECpvX Slave via Modbus RTU or TCP	●
Modbus TCP server	●
Modbus RTU slave	●

Logs and notifications

Function \ Variant	Cluster
Lifetime event log on USB or SD-card	●
Alarm notification via email	●
Logs via email or ftp	●

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 when doing brown field projects - or as a part of our **EC**cube offering.

Ethernet	1 x RJ45 - 10/100Mbps
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