

PPU-2 - Generator Paralleling and Protection Unit

• **Description:** Very flexible and compact control unit with generator synchronisation and load sharing. The PPU-2 contains all necessary functions for protection and control of a synchronous/asynchronous generator and offers an increased number of inputs and outputs. The PPU is designed for the following applications (can be combined):

- Stand-alone
- Parallel with other generators
- Parallel with the mains

The PPU-2 contains all necessary galvanically separated 3-phase measuring circuits. It is normally controlled by means of a PLC or traditional relay logics.

The control unit can synchronise the generator and after synchronisation, it can carry out all necessary generator control and protective functions. It is well-suited for PLC-controlled systems and the interfacing can be done via binary and analogue I/Os or via (optional) serial communication.



EC-1 - Engine Controller

• **Description:** Compact engine controller with optional J1939 engine communication. The integrated communication makes remote control possible and with an optional GSM modem, the EC-1 can forward SMS/text messages. The EC-1 is an attractive alternative for key starters if you require extra communication such as engine communication or remote communication.

• **Features include:**

- Engine control
- Engine monitoring
- Multi-language display
- Engine CAN bus communication
- 6 configurable binary inputs

