

Generator Paralleling Controller, GPC-3 Hydro

Designed for stand-alone or PLC solutions



The GPC-3 Hydro is a flexible and compact generator paralleling controller designed to be either the only controller in the system or to operate in conjunction with a PLC.

Especially suited as a single controller solution for micro and mini hydro plants, the GPC-3 Hydro also serves as a generator controller working as a slave for a power station PLC on hydro plants using digital communication.

The GPC-3 Hydro is a multifunction component and offers all functions needed for a modern hydro turbine generator controller. GPC-3 Hydro contains complete protections, measurements and turbine control and protection and can communicate with all PLC and SCADA systems. The GPC-3 Hydro displays values and alarms on a LCD screen.

DEIF's M-Logic configuration tool supports easy application customisation and enables you to dedicate specific functions or logic conditions to different inputs and outputs.

If you require remote control, supervision and status indication, additional display units and additional operator panels (AOPs) as well as graphical displays are easily installed.

GPC-3 Hydro features

- ▶ Mains/Generator/Motor protection
- ▶ The unique M-Logic, a simple configuration tool
- ▶ Turbine protection with back-up on shut-down channels
- ▶ Turbine speed and AVR control
- ▶ Multiple display units and operator panels possible
- ▶ Additional Operator Panel (AOP)

GPC-3 Hydro type approvals

