

Genset control unit

Emergency genset control



DEIF's front-mounted and compact controller platform, the Genset Control Unit, GCU 100, has been designed with performance and longevity in view and to secure reliable operation in harsh maritime environments.

Built for basic control, monitoring and protection of marine engines and gensets, the sturdy unit features protection, monitoring and control functionality with a graphic display for easy and accurate presentation of values and alarms. Moreover, it also features a three-phase AC voltage measuring circuit for generator and busbar to enable generator protection and breaker handling.

A variant with automatic black-out detection and genset start, the GCU 113 is available for emergency genset control: when power on the main busbar has been restored, the unit is able to automatically switch back to supply from main busbar and stop the emergency generator.

GCU 100 features

- ▶ Engine start/stop
- ▶ Engine monitoring & protection
- ▶ CAN bus engine communication, J1939
- ▶ Modbus communication, RS-485
- ▶ Programmable logic, M-Logic
- ▶ Remote annunciator support, AOP-2
- ▶ Multiple language support
- ▶ Event and alarm LOG
- ▶ IP65 (with gasket)
- ▶ Integrated emulation software solution

Variants	Features
GCU 111	Generator monitoring and protection.
GCU 112	Generator monitoring and protection. Breaker control
GCU 113	Generator monitoring and protection. Breaker control. Emergency genset control.

