



UNI-TECH
Automation Pvt. Ltd.

e-smart SMC-111-2C



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esmart SMC-111-2c is a cost effective marine controller designed for diesel Genset

The Uni-tech e-smart SMC-111-2C is microcontroller based Engine Safety Unit (ESU). The control provides a simple operator interface to the Engine in the manual mode, with remote START/STOP, Fault indication by LED and LCD display for displaying parameters. The unit finds application in single phase Engine automation panels of all complexities.

Integration - Function and Connections related to the various discrete assemblies in a Genset control panel

Savings - Complications, Wiring, Panel size and Instrument Costs

Combination - Functional blocks in one compact, easy to install unit

- Engine Instrumentation
- Engine Safety
- Engine Operation
- Electrical Instrumentation
- Electrical Safety
- Electrical Load Switch
- Genset management Annunciator

e-smart SMC-111-2C features

- 8-32VDC Operating Voltage
- Engine Safety: The unit monitors the engine operating parameters continuously. In the event of the parameters going outside the set limits, the controller displays it on LCD.
- Instrumentation: The unit combines engine/alternator parameter display and protection in a single integrated package. This integration minimizes the control panel size while reducing the wiring, discrete parts and assembly costs.
- Remote Start/Stop and Fault indication LED: The unit can start/stop the engine externally (remotely). Also it has fault indication LED'S.



FEATURES	DESCRIPTION
Operating Voltage	8-32 VDC
Fuel Select	ETR/ETS
Oil Pressure Sensor/SW	✓
Fuel level Sensor/SW	✓
Engine Temp Sensor/SW	✓
Water in Fuel SW	✓
Remote Start/Stop	Wired
Emergency Stop	✓
Start O/P	✓
ENG STOP/Fuel Solenoid	✓
Hooter	✓
Common Fault	✓
Excitation	✓
Password protection	Parameter Setting
Communication Port (Optional)	RS-485 (MODBUS RTU Protocol)
Display	8*2 LCD
Mounting	Screwed Panel Mounting
Over all Dimensions	84*72*30
Weight	85gms

Manufactured by : **UNI-TECH Automation Pvt. Ltd.**

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