



New generation intelligent Genset controller.

When you use it you will **experience** the difference!!!

GU610A Genset Controller

Description:

The GU610A is an Automatic Start Control Module designed to automatically start and stop the Generator with the close/open signal for the Generator Circuit Breaker. The module also monitors and protects the engine, indicating operational status, fault conditions and metering on the front panel LCD and LED's.

- Configuration of parameters by front panel push buttons or by PC via mini USB interface.
- Configurable fuel output energise to stop or energise to run.
- 3 Configurable inputs.
- 3 Configurable outputs + 1 fixed output for GCR.
- True RMS measuring
- Generator Phase voltage display
- Generator Line voltage display
- Generator Current display (three phases)
- 2 Analogue inputs configurable for different senders for Oil pressure and Engine temperature.

Technical Parameter:

Engine and Alternator Metering:

- Generator phase voltage L1-N L2-N L3-N
- Generator line voltage L1-L2 L2-L3 L3-L1
- Generator current I1 I2 I3
- Generator frequency Hz
- Engine speed RPM (signal derived from HZ)
- Oil pressure BAR (PSI)
- Engine temperature °C(°F)
- Battery voltage Vdc
- Engine running hours Counter h

All parameters are displayed on a backlit LCD and scroll one by one in aut cycle mode.

Warning and Shutdown Alarms:

- Low oil pressure
- High engine temperature
- Over speed
- Under speed
- Start failure
- Stop failure
- Emergency stop
- High/low Gen voltage
- Charge failure
- High/low battery voltage
- Aux. shutdown alarm
- Low fuel level
- Aux. Warning
- Over current

Specification:

- DC supply: 8.0V to 35V continuous
- Cranking drop outs: 0V for 100mS, assuming dc supply was at least 10V before dropout and recovers to 5V
- AC input voltage: phase voltage 15-300 Vac RMS (AC frequency \geq 40 Hz)
- AC input frequency: 3-70Hz (voltage \geq 15V)
- Max operating current: @12V 180mA, @24V 90mA
- Accuracy \pm 0.5%
- Start relay output: 3A/30Vdc
- Fuel relay output: 3A/30Vdc
- Aux. control relay output: 3A/30Vdc
- Protection: Controller fascia IP65 when correctly installed
- Operating temperature: -20 to 70°C
- Storage temperature: -30 to 80°C

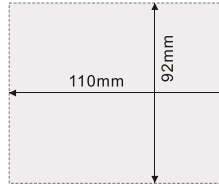




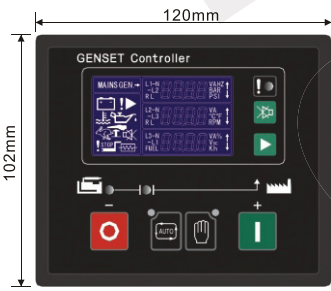
The control specialist of dynamical power

Outline Dimension Drawing:

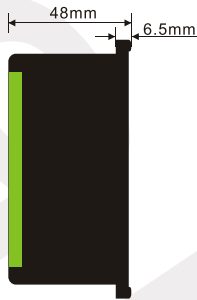
Module Dimension	W 120 mm x H 102 mm
Panel Cutout	W 110 mm x H 92 mm
Depth	D48mm (without connection)



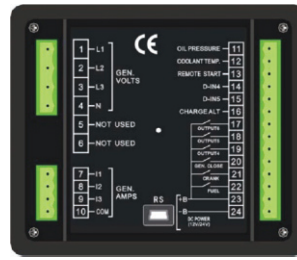
Panel Cutout



Front View

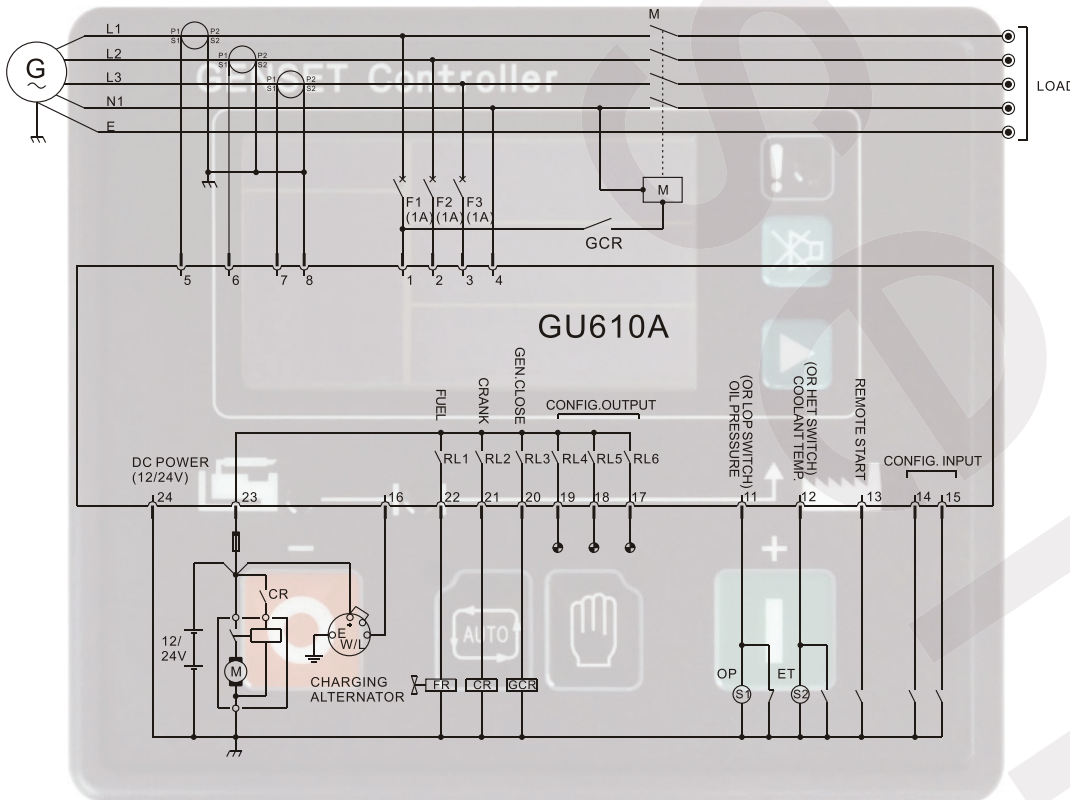


Side View



Back View

Typical Wiring Diagram:



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