

SELFGUARD Single Phase Generator Controller (GC-1) is a safety device for all types of self-start generators.

This Controller covers the safety of both Engine and Alternator and is available in 12 volts.

The 20*4 LCD display shows the status, warnings and faults of Engine and Alternator while the Generator is running.

In Auto mode, the generator starts automatically after the absence of the main supply and stops automatically after the presence of the main supply.

In Manual mode, the generator can be started with the green/start button present on the main unit, and the generator can be stopped by pressing the red/stop button on the main unit anytime in the absence of the main supply. The generator will also stop automatically after the presence of the main supply if not stopped with the red/stop button.

In either Auto or Manual mode, the unit stops the generator automatically when the main supply is present.

The controller can be operated with a 4-core wire having a thickness of 0.5mm only from an unlimited distance to remote start and remote stop the generator using a Normally open Push Button, and to change the Auto/Manual mode by using an On/Off Switch.



Functions
Remote Start – Remote Stop
Remote Start – Auto Stop
Auto Start – Auto Stop

Features of Controller

Display

Auto/Manual Mode – Battery Voltage – Engine Run Time – Service Due Time – Voltage – Frequency – RPM – Amps. – Oil Pressure – Temperature – Fuel Level – Mains Voltage – Fault/ Warning.

Warning and Tripping

Low High Battery - Service Due - Over and Under Voltage - Over and under RPM - Over and under Frequency - Over Current trip - Low Oil pressure.

Indications

Blink on Waring – Tripping (Fault) – Auto.

*All the Features are Configurable by pressing the Menu button on the display.

*Connection Diagram is Provided with unit.

*You can also find the Connection Diagram here: [Selfguard GC-1 Connection Diagram](#)

*Find the Complete range of Generator Controller (GC) here: [Selfguard GC All Models](#)

Another compatible Model:

Now, start your generator from up to 300 feet with the ease of wireless remote using Generator Controller with Wireless Remote

Item Code: GC-1(W)

in place of GC-1.

Find the complete Product details at: [Selfguard GC-1\(W\) Product Details](#)

