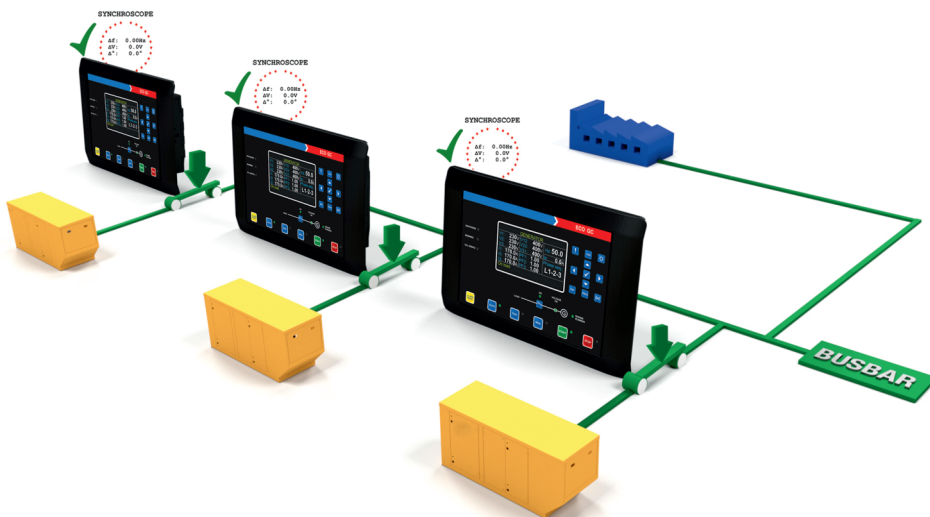


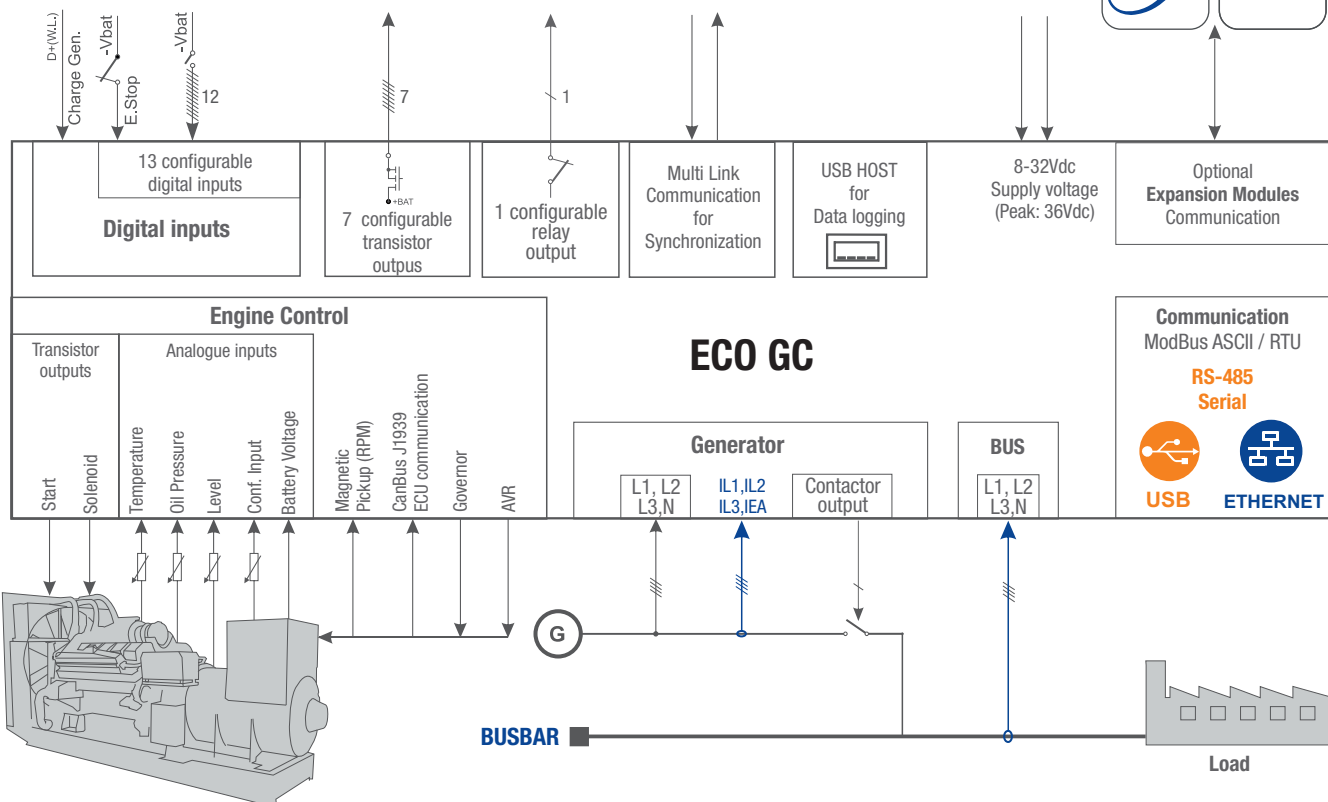
**Auto Start
Load Share Unit**



- Multi genset load sharing (up to 32 gensets)
- kW and kVAr load sharing
- Busbar voltages and frequency measurements
- Dead bus sensing
- Bus failure detection
- Sequential set start
- Manual voltage/frequency adjustment
- Load dependent automatic Start/Stop
- Equal aging of gensets
- Direct/Reverse governor and AVR control
- Volts, frequency and phase matching
- Synchroscope display
- Logic Controller functionality for PLC
- Black or gray theme selection for 4.3" TFT LCD screen



- ▶ **Pre-Alarm**
 - Engine temperature
 - Oil pressure
 - Fuel level
 - Over / Under voltage
 - Over / Under frequency
 - Over / Under speed
- ▶ **Warning & Electrical trip**
 - Earth fault
 - Over current
 - Short circuit
- ▶ **Alarm**
 - Generator breaker not opened
 - Generator breaker not closed
- ▶ **Controls**
 - Fuel and Stop solenoid
 - ECU power and stop
 - Starter motor
 - Automatic generator start
 - Preheat
 - External alarm horn
 - Engine cooling
 - Idle mode
- ▶ **Fail Monitoring**
 - Emergency stop
 - Failed to start
 - Low oil pressure
 - High temperature
 - Speed failure
 - Voltage failure
 - Charging fail
 - Shutdown
 - Warning
- ▶ **Error**
 - Over / Under speed
 - Speed loss
 - Earth fault
 - Fuel level
 - Battery low
 - Battery high
 - Maintenance
 - Over current
 - Short circuit
 - Engine stop
 - CanBus
 - Charge alternator



Dimensions	: 276 mm x 189 mm x 45 mm. (including connectors). Plastic housing for panel mounting.
Panel Cut-Out	: 223mm x 162mm.
Protection	: IP65 at front panel.
Weight	: Approximately 0,82 Kg.
Environmental Rating	: Standard, indoor at an altitude of less then 2000 meters with non-condensing humidity.
Operating/Storage Temperature	: -20°C to +70°C / -30°C to +80°C
Operating/Storage Humidity	: 95% max. (non-condensing)
DC Battery Supply Voltage	: 8 to 32 V dc (Peak: 36Vdc) Max. operating current is 860 mA.
CT Secondary	: 5A.
Sender Measurement	: 0 to 1300 ohm, accuracy: 1 % FS, resolution: 1 ohm.
Communication Interface	: USB programming and communication port, CanBus communication with 1939 ECU, CanOpen, Ethernet, RS485.

Order Information

ECO GC

Synchronising & Load Sharing Unit For Gas/Diesel/Gasoline Generators with J1939 ECU communication

Stucke Elektronik India Private Limited

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