

**Automatic Gen-Set
Controllers with
Transfer Switching**



- CanBus J1939 ECU communication
- Parameter configuration via USB port of your notebook
- Authorised access, secure communication
- Selectable second language
- Log last 500 events & alarm information with measured values
- Statistics records
- Mains and Generator phase sequence control
- Remote Start/Stop, Speed and Idle mode control via J1939
- Power factor measurement for 3 phases
- 4 resistive sender inputs for Level, Temperature, Oil Pressure and Spare
- Selectable Resistive sender types; Pt-100, VDO, US, GM, Ford, Datcon, etc..
- Speed sensing from alternator voltage or magnetic pickup
- 3 phase Load current and earth current measurement
- Configurable 7 inputs and 4 outputs
- ECU power, ECU stop, Stop or Fuel solenoid selection
- Programmable weekly working permit calendar
- Maintenance warning, Red (Shutdown) and Yellow (Warning) alarm lights
- Navigation and Shortcut buttons for easy use
- Exercise at daily programmed time intervals
- Load Test selection
- Automatic transfer switching control and engine control
- Compatible to Diesel or Gas generators
- Auto, Manual and Test modes
- Active, Reactive, Apparent power measurement
- Adjustable Start and Stop timers
- SPN, FMI and OC values reading from engines via J1939

▶ **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**

- Mains breaker not opened
- Mains breaker not closed
- Generator breaker not opened
- Generator breaker not closed

▶ **Controls**

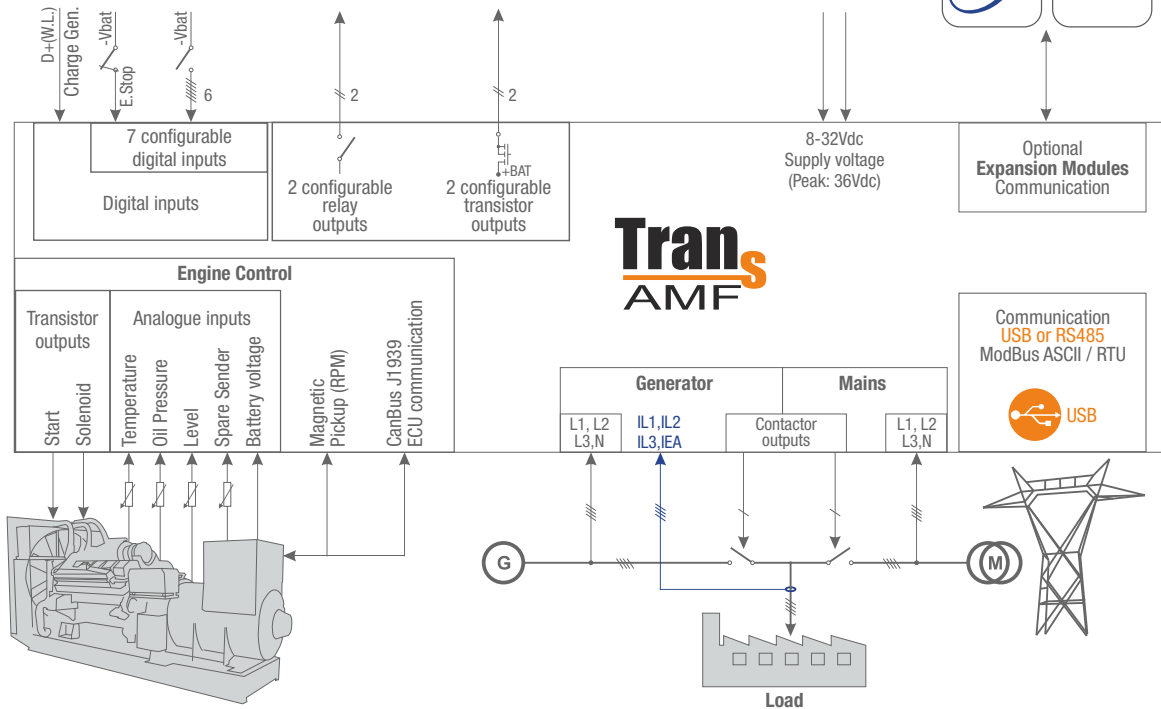
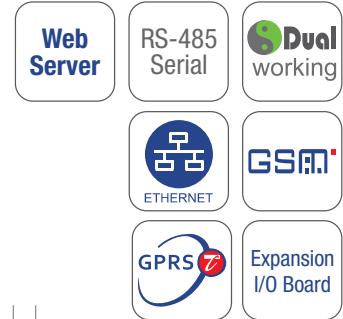
- Fuel and Stop solenoid
- ECU power and stop
- Starter motor
- Automatic generator start
- Load transfer to mains
- Preheat
- External alarm horn
- Engine cooling
- Idle mode

▶ **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	: 229mm x 152mm x 41mm
Panel Cut-Out	: 182mm x 135mm
Protection	: Ip65 at front panel
Weight	: Approximately 0,53Kg
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 32Vdc (Peak: 36Vdc), max. operating current is 360mA
CT Secondary	: 5A
Sender Measurement	: 0 to 1300 ohm, accuracy: 1%FS, resolution: 1 ohm

Order Information	
Trans-AMF	Automatic Gen-Set controller with transfer switching, LCD display, J1939 ECU communication
Trans-AMF.RS485	Automatic Gen-Set controller with transfer switching, LCD display, J1939 ECU communication, RS485 communication