

## 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 50 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

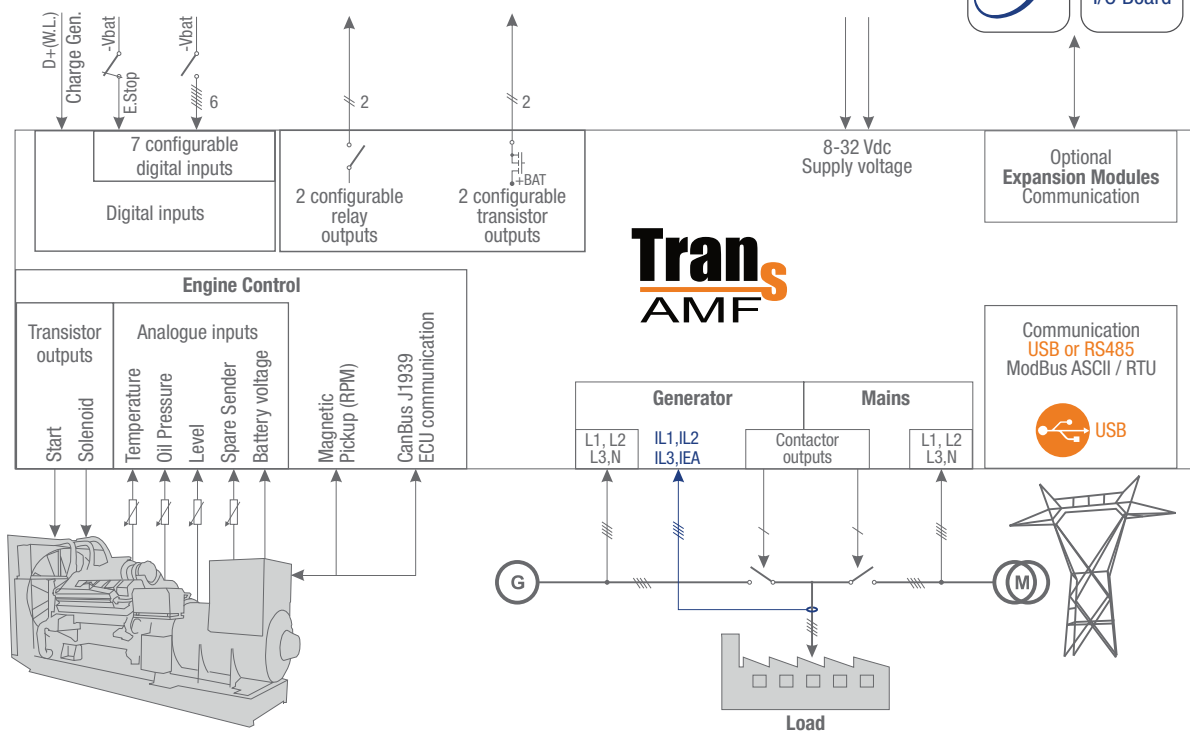
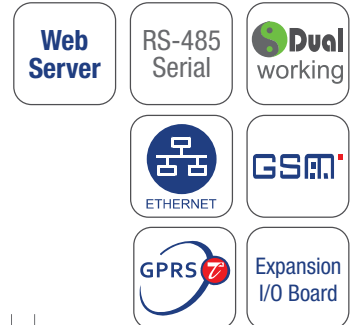
Fuel and Stop solenoid  
 ECU power and stop  
 Starter motor  
 Automatic generator start  
 Load transfer to mains  
 Preheat  
 External alarm horn  
 Engine cooling  
 Idle mode

### ▶ 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
DC battery supply voltage	: 8 to 32Vdc, max. operating current is 360mA
CT secondary	: 5A
Sender Measurement	: 0 to 1300 ohm, accuracy: 1%FS, resolution: 1 ohm

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