



## Diesel Engine Fire Pump Controller Micro-processor based

### STANDARD FEATURES:

- Two independent fully automatic battery chargers rated for 10 A. continuous charge, 12 or 24 VDC c/w AC input filter, current limiter, over current shutoff, 500 mA trickle charge, dead cell detection, and battery voltage alarm.
- 304 stainless steel pressure transducer rated for 0-300PSI
- 4" bell
- Individual manual crank push buttons (2)
- Individual battery circuit breakers
- Master selector switch (manual-off-auto)
- Run period timer for automatic stop
- Sequential start timer
- Run test push button
- Provision for remote start push button
- Provision for deluge valve start

- Drain solenoid valve for weekly exercise
- System overpressure adjustable setting and optional alarm contact (DPDT) for use with pressure limiting device supplied on diesel engines
- Terminal connection (301-302) for ECM diesel engine
- Remote alarm circuits rated 8A. 220VAC for
  - Engine run (DPDT).
  - Master Selector Switch in Off or Manual (1 N/O).
  - Master Selector Switch in Auto (1 N/O).
  - Engine Trouble (1 DPDT): Overspeed, fail to start, low oil pressure, high coolant temperature, fail when running
- Controller trouble (1 DPDT):
  - Battery 1 or 2 failure, charger 1 or 2 failure, pressure line failure
- Pump room alarms (1 DPDT):
  - Low suction, low fuel level, water reservoir low, water reservoir empty, low pump room temperature, high fuel level, AC failure
- Pressure and event recorder with thermal printer supplied as standard.



### OPTIONAL FEATURES:

- Type A: Individual engine alarm contacts (DPDT)
- Type B: Pump room alarm contacts (DPDT)
- Type C: Operational modifications
- Type D: Miscellaneous

#### Digital display

- Individual charger voltmeter and ammeter readout
- Individual charger mode indication
- Individual cut-in, cut-out and system pressure readout

#### Annunciator and display panel

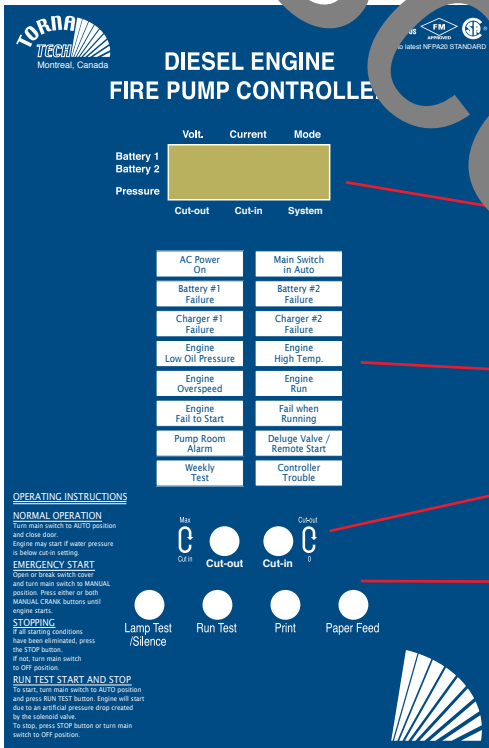
- 16 annunciator points c/w super bright red led

#### Pressure setting field adjustments

- Accessible with main door closed
- Live settings adjustments visible on display

#### Manual operators

- Lamp test / silence push button
- Run test push button
- Print push button
- Paper feed push button



**HOW TO ORDER:** GPD - Negative or Positive ground - 12 or 24 VDC - Floor or Wall mounted - BCF - 10 - optional  
 Ex.: GPD - N - 12 - F - BCF - 10 - optional

**Tornatech Inc.**  
 7075, Place Robert-Joncas,  
 Suite # 132,  
 Montreal, Canada  
 H4M 2Z2  
 Tel.: + 1 514 334 0523  
 + 1 800 363 8448  
 Fax: + 1 514 334 5448

**USA Sales Office**  
 9578, Atchison Court,  
 Cincinnati, Ohio,  
 45069 U.S.A.  
 Tel.: + 1 513 307 6766  
 Fax: + 1 513 759 0509

**Tornatech Pte Ltd.**  
 Paya Ubi Industrial Park,  
 51 Ubi 1 Avenue,  
 Unit # 01-18,  
 Singapore 408933  
 Tel.: + 65 6844 3285  
 + 65 6844 3917  
 Fax: + 65 6844 8549

**Tornatech S.P.R.L.**  
 Avenue Sabin 3,  
 1300 Wavre,  
 Belgium  
 Tel.: + 32 (0) 10 84 40 01  
 Fax: + 32 (0) 10 24 75 05

**Tornatech Fz-Llc.**  
 P.O. Box 502221,  
 Dubai, UAE  
 Tel.: + 971 50 8574639