



# 1002T Series

## Control Panel

The 1002T Control Panel is equipped with all the necessary generating set instrumentation and protection devices, whilst providing the straight-forward functionality and reliability of a key-start panel.

### Instrumentation

- Voltmeter and Ammeter
- Combined frequency and tachometer
- Hours run counter
- 7 position voltmeter phase selector switch
- 4 position ammeter phase selector switch

### Individual warning LEDs

- Charging alternator failure

### Shutdowns with individual warning LEDs

- High coolant temperature
- Low coolant level (optional)
- Low lube oil pressure
- Emergency stop

### Specification

- AC instruments are 90° deflection, 72 mm square, flush mounting
- AC instruments in accordance with IEC60051 and 60529, DIN43700 and 43718, BSEN60051 and 61010, UL94

### Construction and Finish

- Components installed in a heavy duty sheet steel enclosure
- Polyester composite powder top-coat forms high gloss and extremely durable finish
- Lockable hinged panel door provides for easy component access

### Controls

- Keyswitch
  - Off
  - Run
  - Preheat (start aid active LED indicator)
  - Start
- Lock down stop button
- LED test (on start up)

### Specification

- Protected by fused DC supply from starting battery
- Printed circuit board assemblies
- Multi-pin plug and socket connections for ease in servicing
- Switches and pushbuttons are heavy duty industrial type
- Internal AC and DC panel wiring harnesses pre-formed for uniform routing and enhanced interconnect reliability
- Thoroughly tested during manufacture and final test of generating set

### Mounting

- Integrated into control panel tower mounted to generating set baseframe
- Vibration isolated from generating set
- Located at the side of generating set with excellent panel visibility
- Full height control panel tower door for ease of service access

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