

The 2001K Series control panel allows the generating set to be automatically controlled by a remote signal and is therefore suitable for controlling a standby generating set in conjunction with an automatic transfer switch.



Standard specification

► Construction and finish

Components installed in a heavy duty sheet steel enclosure

Phosphate chemical pre-coating of steel provides corrosion resistant surface

Polyester composite powder top-coat forms high gloss and extremely durable finish

Hinged panel door provides for easy component access

► Mounting

Mounted to generating set baseframe on robust steel stand

Vibration isolated from generating set

Located at rear of generating set with excellent panel visibility

Installed as an integral part of the enclosure on enclosed generating sets

► Instrumentation

AC instruments are 90° deflection, 48 mm square, flush mounting

AC instruments in accordance with IEC60051 and 60529, DIN43700 and 43718, BSEN60051 and 61010, UL94

Engine gauges are heavy duty, 52 mm diameter, electrically operated

► Controls

Printed circuit board assemblies with field proven circuit elements

Thoroughly tested during manufacture and final test of generating set

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



2001K Series

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Control panel



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Standard features

▶ Instrumentation

Voltmeter
Ammeter
Combined frequency & tachometer
Hours run counter
Coolant temperature gauge
Lube oil pressure gauge
Battery condition voltmeter
Battery charging ammeter

▶ Controls

Run/off/auto switch
Lock down stop button
Lamp test pushbutton
7 position voltmeter phase selector switch
Ammeter phase selector switch
3 attempt start timer
Voltage adjust potentiometer
Heater control - 3 circuits 220/240V AC

▶ Shutdown with individual warning lamps

Panel mounted audible alarm for all alarms & shutdowns
Fail to start
High coolant temperature/low coolant level
Low lube oil pressure
Overspeed/emergency stop shutdown

▶ Remote signals/contacts from panel

Terminals for remote/start/stop
Volt free contacts for common alarm

Optional features

▶ Controls

Static battery charger 5A CVC 110-120 Volt
Static battery charger 5A CVC 220-240 Volt
Earth leakage protection
4 pole breaker option

▶ Alarms with individual warning lamps

Low Coolant Temperature Alarm
Low Gas Pressure Alarm

▶ Additional fault channels

One additional fault channel is available, individually programmable for shutdown or alarm

Not all options are available for every generating set. Check the availability from the Generating set options price list.



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