

Digital DG Set Controller

- Deepsea AMF enabled controller (UK make)
- Digital controller with soft buttons for operations
- Automatically transfers between mains (utility) and generator for convenience
- Hours counter provides accurate information for monitoring and maintenance periods
- User-friendly set-up and button layout for ease of use
- Multiple parameters are monitored & displayed simultaneously for full visibility
- The module can be configured to suit a wide range of applications for user flexibility
- PLC editor allows user configurable functions to meet user specific application requirements
- Synchronising controller (optional)



Features

- Compact and microprocessor based fully configurable control unit
- Graphic display
- Unique integrated DG set controller
- Incorporates both engine and alternator parameters in a single console

Features Displayed

- Engine oil pressure
- Coolant temperature
- Fuel level indicator (%)
- Engine RPM
- DG set running hours
- Battery voltage
- Voltage
- Phase to neutral voltage
- Phase to phase voltage
- Current (amps)
- Power factor
- kWh
- kW

Audio Visual Warning

- Low oil pressure
- High coolant temperature
- Low battery voltage
- Low fuel level

Shutdown with Audio Visual Annunciation

- Low oil pressure
- High coolant temperature
- Engine overspeed
- Engine underspeed
- Low fuel level
- Overload
- Over voltage
- Under voltage

Mounting Arrangement

- Engine and Alternator are mounted on rigid base frame. Also, AVM pads are placed between base frame and engine alternator assembly to restrict vibrations.
- Fuel tank is at base of canopy

Silencer

- Industrial type
- Hospital grade
- Residential type

Power Generation Business

- Over 5 decades of experience in generator sets. 100,000+ Gensets population in operation.
- State-of-the-art manufacturing facilities at Pune and Aurangabad for multi-cylinder / higher HP engines and Gensets
- ARAI approved testing facility equipped with sophisticated equipment is among the best in the industry and can test engines up to 2 MW
- Fuel-efficient, rugged and reliable
- Total solutions by single point of contact for engineering design, sales, service & spare parts
- Distance Mumbai Port (JNPT) to Aurangabad – 350 km.
- Distance Mumbai Port (JNPT) to Pune (Talegaon) – 130 km.

Greaves Factory Built DG Sets

- Compact footprint
- Low noise level
- Economical operation
- Environment friendly
- Availability of spare-parts and services



Engine

- Rated speed is 1500 RPM
- A2 and better engine governing class with Mechanical / Electronic governor
- G2 and better DG performance class (G3 class performance for DG also available on request*)
- Fuel and lube oil filters
- Dry type air cleaner with vacuum indicator
- Suitable electric starting system

Alternator

- Offering advance technology for alternator
- Brushless type
- IP 23 protection with class 'H' insulation & temperature limited to class 'H'
- Permissible overload of 10% for one hour in every 12 hours of operation of alternator
- Automatic Voltage Regulator
- Digital Voltage Regulator optional (250 kVA & above)
- 25% unbalance load capability
- Fixed disk closed coupling

Recommended Oil & Fuel

- Recommended HSD quality as per latest norms of IS 1460
- Recommended Greaves make lube oil

Control Panel

- Suitable circuit breaker
- Controller with multi-feature display
- Load ON and DG set running indication lamps
- Uninwin cables between alternator and switchgear
- In-built battery charger



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