

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
- 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 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
- Aluminium conductor cables between alternator and control panel
- Uninywin cables between alternator and switchgear
- In-built battery charger



Global presence in International Business



5 Continents
30 Countries

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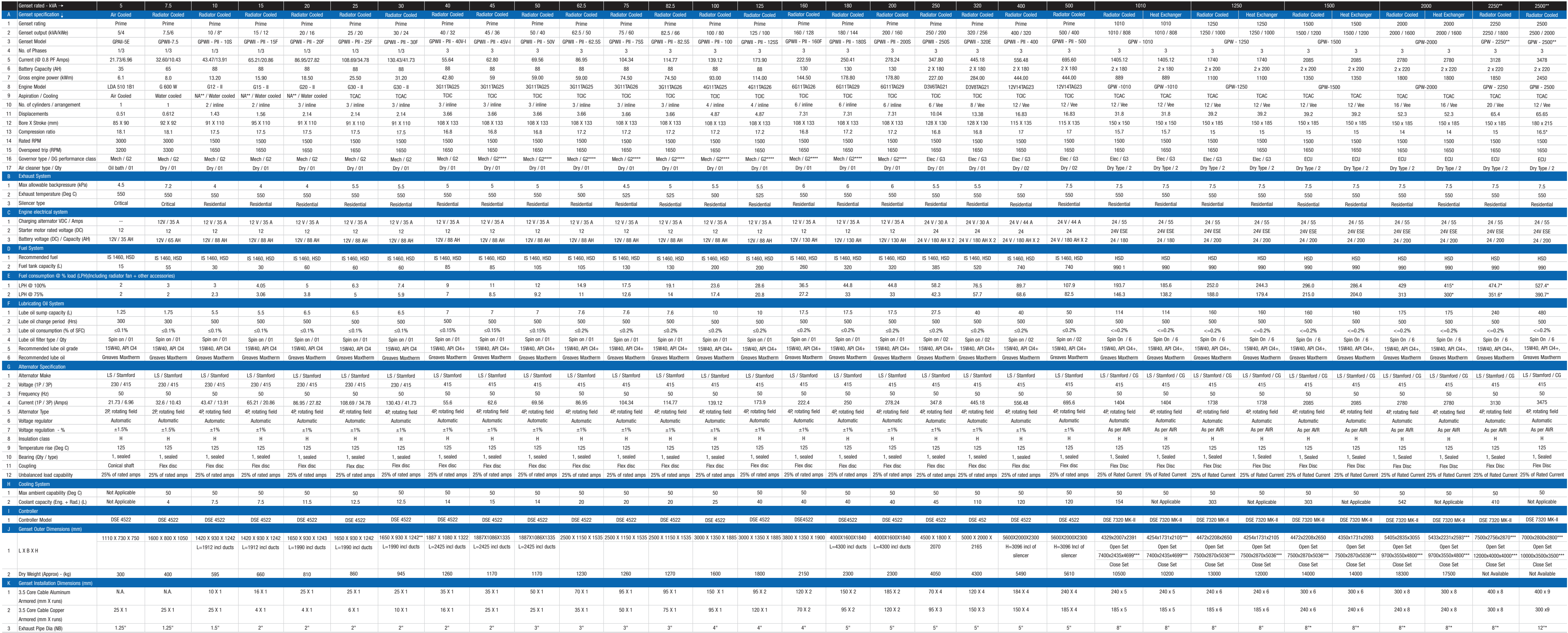
Power up your world
5 kVA to 2500 kVA*



*Conditions Apply. Only through Greaves authorized spares & service provider.



- Strong team of more than 300 R&D professionals
- Significant strengths: Technology, Value, Reach
- Extensive marketing and service network:
Wide global service presence



1. Ref.: *Genset can also be used for PF = 1. 1. 2. Ref.: ***Natural aspirated. 3. Ref.: ***Silencer height to be added 4. Ref.: ****G Class for DG Performance is available on request. 5. PRIME POWER RATING as per ISO 8528. 1. 7. Specific fuel consumption depends on fuel density, load available on DG set & power factor. Tolerances for SFC will be as per ISO 3046 & ISO 8528. 1. 6. Conformance standards: Engine - BS 5514, ISO 3046, Alternator - IS 13364 (I & II), Genset - ISO 8528 and Tolerances as applicable. Please refer our GA drawing for overall dimension with add on components like silencer, ducts etc. 1. 8. Product specifications are subject to change without prior notice due to the policy of continuous improvement.