

SILENT DIESEL GENERATOR



RANGE
30-160 KVA

Powered by :
Volvo Eicher Engines

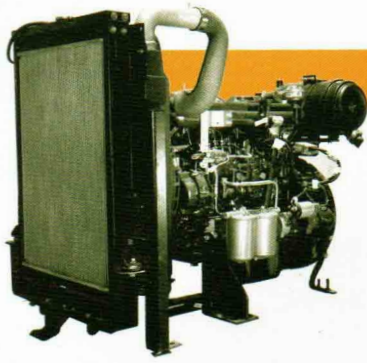
Controller : Deepsea
Alternator : Meccalte

TECHNICAL SPECIFICATIONS

| GENSET RATING | KVA | 30 | 40 | 45 | 50 | 62.5 |
|---------------------------------|--------------------------|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| POWER FACTOR | PF | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| GENSET RATING | kWe | 24 | 32 | 36 | 40 | 50 |
| ENGINE RATED POWER | BHP | 38 | 52 | 52 | 80 | 80 |
| ENGINE MAKE | | EICHER (VECV) | EICHER (VECV) | EICHER (VECV) | EICHER (VECV) | EICHER (VECV) |
| ENGINE MODEL | | EE483TCI | EE483TCI | EE483TCI | EE483TCI | EE483TCI |
| No. OF CYLINDERS | No. | 4 | 4 | 4 | 4 | 4 |
| NATURE OF ASPIRATION | | TCI | TCI | TCI | TCI | TCI |
| DISPLACEMENT (LITERS) | Ltrs | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| COMPRESSION RATIO | | 17:01 | 17:01 | 17:01 | 17:01 | 17:01 |
| BORE X STROKE | mm | 100 X 105 | 100 X 105 | 100 X 105 | 100 X 105 | 100 X 105 |
| ELECTRIC SYSTEM | Volt | 12 V DC | 12 V DC | 12 V DC | 12 V DC | 12 V DC |
| BATTERY | ----- | 90 | 90 | 90 | 90 | 90 |
| LUBE OIL CONSUMPTION | %F.Cons | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| LUBE OIL SYSTEM CAPACITY (LTER) | Ltrs | 11 | 11 | 11 | 11 | 11 |
| FUEL CONS.@ 75% LOAD | | 5.45 | 6.38 | 6.38 | 10.41 | 10.41 |
| SERVICE INTERVAL | Hours/ Months | 500 Hours/ 12 Months | 500 Hours/ 12 Months | 500 Hours/ 12 Months | 500 Hours/ 12 Months | 500 Hours/ 12 Months |
| GOVERNING | | Mechanical | Mechanical | Mechanical | Mechanical | Mechanical/ Electronic |
| FUEL TANK CAPACITY (LTRS) | Ltrs | 95 | 95 | 120 | 120 | 120 |
| ALTERNATOR MAKE | | MECCALTE | | | | |
| ALTERNATOR TYPE | | BRUSHLESS | BRUSHLESS | BRUSHLESS | BRUSHLESS | BRUSHLESS |
| No. OF PHASE | | 3 Phase/1Phase | 3 Phase/1Phase | 3 Phase/1Phase | 3 Phase/1Phase | 3 Phase |
| TYPE OF PANEL | | STANDARD MANUAL PANEL (OPTIONAL AMFPANEL) | | | | |
| ACOUSTIC ENCLOSURE SIZE | (LxWxH) + Silencer mm | 2300 x 1050 x 1350 x 1150 | 2500 x 1050 x 1250 + 350 | 2500 x 1050 x 1250 + 350 | 2800 x 1250 x 1450 + 400 | 2800 x 1250 x 1450 + 400 |
| APPROX DG SET WT | Kgs | 1150 | 1200 | 1200 | 1450 | 1450 |

TECHNICAL SPECIFICATIONS

| GENSET RATING | KVA | 75 | 82.5 | 100 | 125 | 140 | 160 |
|---------------------------------|--------------------------|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| POWER FACTOR | PF | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| GENSET RATING | kWe | 60 | 66 | 80 | 100 | 112 | 128 |
| ENGINE RATED POWER | BHP | 105 | 105 | 156 | 156 | 201 | 201 |
| ENGINE MAKE | | EICHER (VECV) | EICHER (VECV) | EICHER (VECV) | EICHER (VECV) | EICHER (VECV) | EICHER (VECV) |
| ENGINE MODEL | | EE683TCI | EE683TCI | EE694TCI | EE694TCI | EE694TCI | EE694TCI |
| No. OF CYLINDERS | No. | 6 | 6 | 6 | 6 | 6 | 6 |
| NATURE OF ASPIRATION | | TCI | TCI | TCI | TCI | TCI | TCI |
| DISPLACEMENT (LITERS) | Ltrs | 4.9 | 4.9 | 5.7 | 5.7 | 5.7 | 5.7 |
| COMPRESSION RATIO | | 17:01 | 17:01 | 17.5:01 | 17.5:01 | 17.5:01 | 17.5:01 |
| BORE X STROKE | mm | 100 X 105 | 100 X 105 | 100 X 120 | 100 X 120 | 100 X 120 | 100 X 120 |
| ELECTRIC SYSTEM | Volt | 12 V DC | 12 V DC | 12 V DC | 12 V DC | 12 V DC | 12 V DC |
| BATTERY | ----- | 90 | 90 | 130 | 130 | 130 | 130 |
| LUBE OIL CONSUMPTION | %F.Cons | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| LUBE OIL SYSTEM CAPACITY (LTER) | Ltrs | 14.4 | 14.4 | 20.5 | 20.5 | 27 | 27 |
| FUEL CONS.@ 75% LOAD | | 5.45 | 6.38 | 6.38 | 10.41 | 10.41 | 10.41 |
| SERVICE INTERVAL | Hours/ Months | 700 Hours/ 12 Months | 700 Hours/ 12 Months | 700 Hours/ 12 Months | 700 Hours/ 12 Months | 700 Hours/ 12 Months | 700 Hours/ 12 Months |
| GOVERNING | | Mechanical/ Electronic | Mechanical/ Electronic | Mechanical/ Electronic | Mechanical/ Electronic | Electronic | Electronic |
| FUEL TANK CAPACITY (LTRS) | Ltrs | 180 | 180 | 180 | 180 | 210 | 210 |
| ALTERNATOR MAKE | | MECCALTE | | | | | |
| ALTERNATOR TYPE | | BRUSHLESS | BRUSHLESS | BRUSHLESS | BRUSHLESS | BRUSHLESS | BRUSHLESS |
| No. OF PHASE | | 3 Phase | 3 Phase | 3 Phase | 3 Phase | 3 Phase | 3 Phase |
| TYPE OF PANEL | | STANDARD MANUAL PANEL (OPTIONAL AMFPANEL) | | | | | |
| ACOUSTIC ENCLOSURE SIZE | (LxWxH) + Silencer mm | 3200 x 1250 x 1450 + 400 | 3200 x 1250 x 1450 + 400 | 3400 x 1250 x 1450 + 400 | 3400 x 1250 x 1450 + 400 | 3700 x 1400 x 1700 + 500 | 3700 x 1400 x 1700 + 500 |
| APPROX DG SET WT | Kgs | 1700 | 1700 | 2000 | 2000 | 2400 | 2400 |



Powered by :

VOLVO
EICHER
ENGINES

**FEATURES EICHER
BRANDED ENGINE**

LOW OPERATING COST

- Remarkable Fuel Economy
- Longer Service Interval
- Economical Spare Parts Pricing
- No Running-In period

SUPERIOR UP TIME

- Robust Design: Proven in toughest application like Construction Equipment, Material Handling, Marine and Argo.
- In Built Oil Cooler: Suitable for Continuous operation
- Unmatched Engine Protections: LLOP, HWT, Air Filter Chocking, CAF
- Bypass Filter
- Piston Cooling Jet
- Better Metallurgy: Ensures longer maintenance period & overhauling period
- Longer product life cycle

BEST PRODUCT PERFORMANCE:

- Excellent Block Loading capability
- Extremely low vibration
- Low Deration on account of High Temperature and Altitude



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