

PROPEL

INDENERGY SOLUTIONS

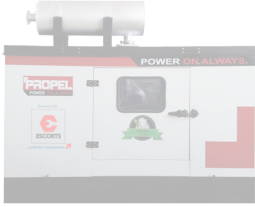
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Specifications

| DG Set Model | PE12G12 | PE15G15 | PE20G20 | PE25G30 | PE25G30 | PE30G30 | PE40G40 | PE45G40 | PE62.5G62.5 | PE62.5G62.5 | |
|---|--------------------------------------|----------|----------|------------------|----------|----------|----------|----------|--------------------|-------------|--|
| Genset Rating - kVA/ekW | 12/9.6 | 15/12 | 20/16 | 25/20 | 30/24 | 35/28 | 40/32 | 45/36 | 62.5/50 | 70/56 | |
| Power Factor | 0.8 | | | | | | | | | | |
| Engine Make | ESCORTS | | | | | | | | | | |
| Engine Model | G-12 | G15-II | G20-II | G25 TCI | G25 TCI | G30 TCI | G40 TCI | G40 TCI | G62.5-TCI | G62.5-TCI | |
| Rated BHP | 18 | 23 | 27.6 | 37 | 37 | 42 | 58 | 58 | 88 | 88 | |
| No. of Cylinders | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | |
| Aspiration | NA | NA | NA | TCI | TCI | NA | TCI | TCI | TCI | TCI | |
| Governing | Mech / A1 | | | | | | | | | | |
| Displacement (cc) | 1430 | 1560 | 2145 | 2145 | 2145 | 2145 | 2860 | 2860 | 3680 | 3680 | |
| Compression Ratio | 17.5:1 | 17.5:1 | 17.5:1 | 17.5:1 | 17.5:1 | 17.5:1 | 17.5:1 | 17.5:1 | 17.5:1 | 17.5:1 | |
| Bore x Stroke (mm) | 91 x 110 | 95 x 110 | 95 x 110 | 91 x 110 | 91 x 110 | 91 x 110 | 91 x 110 | 91 x 110 | 98 x 122 | 98 x 122 | |
| Electric System | 12 V DC | 12 V DC | 12 V DC | 12 V DC | 12 V DC | 12 V DC | 12 V DC | 12 V DC | 12 V DC | 12 V DC | |
| Fuel Cons. at 75% load-litres/hr | 2 | 2.5 | 3.3 | 4.2 | 4.9 | 5.7 | 6.5 | 7.3 | 10.1 | 11.4 | |
| Lube Oil System Capacity-litres | 5.5 | 5.5 | 6.5 | 6.5 | 6.5 | 6.5 | 8.5 | 8.5 | 11 | 11 | |
| Coolant System Capacity-litres | 7.1 | 7.1 | 10.9 | 14.5 | | 14.5 | 16 | | 16 | | |
| Service Interval - Hours | 300 Hrs. | | | | | | | | | | |
| Alternator Make | Mecc Alte / Leroy Somer / Stamford | | | | | | | | | | |
| Alternator Type | Brushless | | | | | | | | | | |
| No. of Phase | 3 Phase / 1 Phase | | | | | | | | | | |
| Frequency | 50 Hz | | | | | | | | | | |
| Type of Insulation | Class H | | | | | | | | | | |
| Type of Panel | Standard Manual Panel (Optional AMF) | | | | | | | | | | |
| Accoustic Enclosure Size - mm | 2100 x 1050 x 1400 | | | 2300 x 1050 1400 | | | | | 2900 x 1250 x 1500 | | |
| Package weight - kg | 800 | 900 | 1000 | 1050 | 1050 | 1150 | 1250 | 1250 | 1500 | 1500 | |

Rating Conditions

- All models are Prime Power rated as per ISO 8528.
- Ratings are at 415 volt, 3 phase, 50 Hz, 0.8 pf at 1500 rpm.
- 10% overload for one hour in every 12 hours permitted in accordance with ISO 3046/1, BS 5514, DIN 6271 for prime rated packages.
- Packages comply to CPCB II exhaust emission and noise regulations.
- All specifications and dimensions are for referernce purpose and are subject to revisions and improvements.

*Reference condition as per IS 10002, ISO 3046.

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www.propelsystech.com

**PROPEL INDENERGY
SOLUTIONS
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