



Rating @0.8 PF		Prime Rating	Stand-by Rating
Voltage	Freq.	DM53	DM58
127/220 V 220/380 V	60 Hz	53 KVA	58 KVA

The above ratings represent the generating set capability guaranteed within  $\pm 3\%$  at the reference conditions equivalent to those specified in ISO 8528/1, ISO 3046/1 and BS5514/1

**NOTES:**

- 1- The applicable voltage range is 380 V to 480 V for 60 Hz applications.
- 2- This generating set is of fixed speed of 1800 rpm.
- 3- **DM53** is the prime power rating of the generating set, where a variable load and unlimited hours usage are applied on the generating set which an average load factor of 80% of the prime rating over each 24 hour period. Noting that a 10% overload is available for 1 hour in every 12 hours operation.
- 4- **DM58** is a standby power rating of the generating set, where a variable load limited to an annual usage up to 500 hours is applied, with 300 hours of which may be continuous running. Noting that no overload is permitted.

**ENGINE**

- Model: PERKINS 1103A-33TG1
- Cylinders: 3 vertical in line
- Cooling System: Water cooled
- Lube oil capacity: 8.30 L
- Coolant capacity: 10.20 L
- Governor: Mechanical
- Speed: 1500 / 1800 rpm
- Fuel Consumption at 75 % Load: 9.9 L/H

**ALTERNATOR**

- Model: LINZ PRO18L F/4 OR LEROY SOMER LSA 42.3 M7 OR TAL 042F
- Regulation:  $\pm 0.5\%$
- Insulation Class: H
- Frequency: 50 / 60 Hz

**CONTROL PANEL**

- Model: Deepsea/Comap
- Monitoring speed, frequency, voltage, current, oil pressure, coolant temperature and fuel level and display warnings, shutdown and engine status information

**SHIPPING DATA**

- |                            |                            |
|----------------------------|----------------------------|
| •Lenght@Open Type: 1700 mm | Lenght@Close Type: 2300 mm |
| •Width@Open Type: 770 mm   | Width@Close Type: 1000 mm  |
| •Height@Open Type: 1250 mm | Height@Close Type: 1330 mm |
| •Weight@Open Type: 810 kg  | Weight@Close Type: 1100 kg |

**CONTACT**

- Web site: [www.dmgenerator.com](http://www.dmgenerator.com)
- Email: [info@dmgenerator.com](mailto:info@dmgenerator.com)
- Mob: +966566699789