

Rating @0.8 PF		Prime Rating	Stand-by Rating
Voltage	Freq.	DM1281	DM313
127/220 V 220/380 V	60 Hz	281 KVA	313 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- **DM281** 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- **DM313** 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 1506A-E88TAG3
- Cylinders: 6 vertical in line
- Cooling System: Water cooled
- Lube oil capacity: 41 L
- Coolant capacity: 36 L
- Governor: Electronic
- Speed: 1500 / 1800 rpm
- Fuel Consumption at 75% Load: 48 L/H

ALTERNATOR

- Model: LINZ PRO28S D/4 OR LEROY SOMER LSA 46.3 S5
- 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

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|----------------------------|----------------------------|
| •Lenght@Open Type: 2850 mm | Lenght@Close Type: 3650 mm |
| •Width@Open Type: 990 mm | Width@Close Type: 1400 mm |
| •Height@Open Type: 1710 mm | Height@Close Type: 2055 mm |
| •Weight@Open Type: 2200 kg | Weight@Close Type: 3200 kg |

CONTACT

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