

Powermaster

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GRESHAM'S
the energy-enviro specialists



OUTPUT RATINGS

Generator Set Model	GPD 25
Rated power 400 V, 50 Hz	20 kW / 25 KVA

RATING DEFINITIONS

Prime power: Power available at variable load in lieu of main power network. An overload of 10 % is permitted for one hour in every twelve hours of operation.

Standby power: Power available at variable load in the event of a main power network failure. No overload is permitted.

ENGINE SPECIFICATIONS

Engine Make & Model	VM Motori D703 TE0
No of Cylinders & Arrangement:	3, Vertical, Inline
Cycle:	4 Stroke

Fuel Consumption (Lit/hr @ 1500 RPM)	
50 % Prime Power	2.50
75 % Prime Power	3.75
100 % Prime Power	5.00

ALTERNATOR SPECIFICATIONS

Make	Marelli
Origin	Malaysia
Capacity (P/S)	Prime - 25.6 kW / 32 KVA
Voltage	400
Type	4-Pole, Rotating Field

Exciter type	Brushless
Voltage regulator	Solid State
Insulation material	Class H, IEC-34.1
Coupling	Flexible Disc
Atmortiseur windings	Full

- Generator is designed and built within IEC-34.1 and BS-4999 etc.
- Skewed stator for smooth voltage wave form.
- Self-ventilated by cast iron fan.
- Sustains short circuit current at 300 % of rated current up to 10 seconds.

STANDARD SUPPLIES

- Structural steel mounting base
- Exhaust silencer with connector
- Air cleaner, heavy duty housing
- Batteries
- Oil & fuel filters
- Fully automatic operation and safety shutdown
- Radiator
- Standard Tool Kit for Operation & Maintenance