

TECHNOLOGY MEETS EFFICIENCY

Mahindra Powerol Diesel Gensets

Presenting
500 kVA
Genset



Powered by

Perkins®

Diesel Power

Features & Benefits

- Advanced electronic control with carefully matched turbocharger for high fuel efficiency.
- Faster response time to transient load.
- Genset designed to operate in extreme climatic conditions without any external aid
- Optimized design for less footprint and noise
- Equipped with **DIGI SENSE** technology making it a Smart DG set



Technical Specifications:

Genset Specification	
Genset Prime Rating (kVA) *	500
Genset Prime Rating (KW)	400
Phase / Voltage (V)	3 / 415
Power Factor	0.8 (lagging)
Current (A)	695
Frequency (Hz & RPM)	50/1500
Governing class	up-to G3 as per ISO 8528 Part V
Starting system	24 V DC Electrical
Fuel tank capacity (lit)	900
Genset dimensions w/o silencer (mm) (L x W x H) approx.	5950 x 2000 x 2350
Genset Weight (kg) approx.	6500
Engine Specification	
Make / Series	Perkins 2000 Series
Engine Model	2506D-E15TAG2
Rated Power at 100% Load @ 1500 RPM (HP)	605
Aspiration	Turbo Charged After Cooled
No. of cylinders	6
Bore x Stroke (mm)	137*171
Displacement (lit)	15.2
Fuel consumption @ 75% load (lit/hr) ^	80
Fuel consumption @ 100% load (lit/hr) ^	103
Total lubrication system capacity (lit)	62
Lube oil consumption @ 100% load \$	0.10% of Fuel Consumption
Lube oil change period (hrs.)	500
Radiator coolant capacity (lit)	48
Alternator Specification	
Enclosure Type	IP23
Voltage regulation	±1%
Class of insulation	Class H
Maximum Unbalanced Load across Phases	25%

Above specifications are subject to change without prior notice due to continuous product improvements. All engines & alternators confirm to respective IS standards. All the genset specifications are as per ISO 8528 standard. Fuel - High Speed Diesel (HSD IS 1460:2005). ^ Considering 0.845 specific gravity of diesel 5% tolerance. \$ Considering 0.89 specific gravity of oil. * For Standby duty, contact Powerol authorized representative. All specifications are at standard NTP operating conditions. All the above gensets conform to the latest CPCB norms of <75 dbA



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