

# TECHNICAL SPECIFICATIONS

PARAMETERS	DG MODELS
Genset Prime Rating (kVA) *	250
Genset Prime Rating (KW)	200
Phase / Voltage (V)	3 / 415
No of Phases	1/3
Power Factor	0.8 (lagging)
Current (A) (3Phase)	348
Frequency (Hz)& RPM	50/1500
Governing class	G2
Starting system	24 V DC Electrical
Fuel tank capacity (lit)	425
Genset dimensions w/o silencer (mm) (L x W x H) approx.	3990 x 1500 x 1770
Genset Weight (kg) approx.	3300
ENGINE SPECIFICATION	
Make / Series	Mahindra mPower
Engine Model	mPower63105G
Rated Power at 100% Load @ 1500 RPM (HP)	310
Aspiration	Turbocharged Aftercooled
No. of cylinders	6
Bore x Stroke (mm)	116.6 x 146.1
Displacement (Lit)	9.3
Fuel consumption @ 75% load (lit/hr)^	41.2
Fuel consumption @ 100% load (lit/hr)^	54.1
Lube oil specification	15W40 CI4+
Lube Oil Refil Quantity (Lit)	30
Lube oil consumption @ 100% load (\$)	0.1% of Fuel Consumption
Lube oil change period (hrs.)	500
Radiator coolant capacity (liter)	31
ALTERNATOR	
Make	CG/Stamford
Enclosure Type	IP23
Voltage regulation	+/- 1%
Class of insulation	Class H
Maximum Unbalanced Load across Phases	25%

\*\*Alternator Configuration available

Above specifications are subject to change without prior notice due to continuous product improvements.

All engines & alternators conform to respective IS standards

All the genset specifications are as per ISO 8528 standard

\* For Standby duty, contact Powerol authorized representative

All specifications are at standard NTP operating conditions

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All the above gensets conform to the latest CPCB norms of <75 dbA