

## TECHNICAL SPECIFICATIONS

250 kVA / 320 kVA

Genset Specification		
Genset Prime Rating (kVA) *	250	320
Genset Prime Rating (KW)	200	256
Phase / Voltage (V)	3 / 415	
Power Factor	0.8 (lagging)	
Current (A)	348	445
Frequency (Hz)& RPM	50/1500	
Governing class	G2 as per ISO 8528 Part V	
Starting system	24 V DC Elec	
Fuel tank capacity	575	575
Canopy dimensions w/o silencer (mm) (L x W x H) approx.	4600 x 1700 x 2025	4800 x 1700 x 2025
Genset Weight (kg) approx.	3700	3950
Engine Specification		
Make / Series	Mahindra mPower	
Engine Model	mPower63105G	mPower63905G
Rated Power at 100% Load @ 1500 RPM (HP)	310	390
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	51.5
Fuel consumption @ 100% load (lit/hr) ^	54.1	67.4
Lube oil specification	15W40 API CI4+	
Total lubrication system capacity (lit)	35	
Lube oil consumption @ 100% load (\$)	0.1% of Fuel Consumption	
Lube oil change period (hrs.)	500	
Radiator coolant capacity (liter)	54	
Alternator		
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

\* 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