

PARAMETERS		DG MODELS
Genset Prime Rating (kVA) *		180
50 HZ PRIME	Rating(kVA)	180 kVA
	Genset Prime Rating (KWe)	144
	Engine Model	mPower62235G
No of Cylinders		6
Phase / Voltage (V)		3 / 415
Power Factor		0.8 (lagging)
Current (A)		250.2
Frequency (Hz)& RPM		50/1500
Governing class		G2
Starting system		24 V DC Elec
Fuel tank capacity		388
Canopy dimensions w/o silencer (mm) (L x W x H) approx.		3900 X 1350 X 1745
Genset Weight (kg) approx.		2630
Engine Specification		
Make / Series		Mahindra mPower
Rated Power at 100% Load @ 1500 RPM (HP)		223
Aspiration		Turbocharged Aftercooled
Bore x Stroke (mm)		105 x 137
Displacement (Lit)		7200
Fuel consumption @ 75% load (lit/hr) ^		28.7
Fuel consumption @ 100% load (lit/hr) ^		38.2
Lube oil specification		SAE 15W40 CI4+
Total lubrication system capacity (lit)		20.2
Lube oil consumption @ 100% load (\$)		< 0.1% of Fuel Consumption
Lube oil change period (hrs.)		500
Radiator coolant capacity (liter)		24
Alternator		
Enclosure Type		IP23
Voltage regulation		±1%
Class of insulation		Class H
Maximum Unbalanced Load across Phases		25%



Zero Maintenance For 5 Years With The Powerol Super Shield Plan