

TECHNICAL SPECIFICATIONS

PARAMETERS	DG MODELS
Genset Prime Rating (kVA) *	160
Rating(kVA) 50 HZ PRIME	160 kVA
Genset Prime Rating (KWe)	125
Engine Model 50 HZ PRIME	mPower61995G
No of Cylinders	6
Phase / Voltage (V)	3 / 415
Power Factor	0.8 (lagging)
Current (A)	222.4
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.	2425
ENGINE SPECIFICATION	
Make / Series	Mahindra
Rated Power at 100% Load @ 1500 RPM (HP)	199
Aspiration	Turbocharged Aftercooled
Bore x Stroke (mm)	105 x 137
Displacement (Lit)	7200
Fuel consumption @ 75% load (lit/hr) ^	27.8
Fuel consumption @ 100% load (lit/hr) ^	36.7
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)	25
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

