

TECHNICAL SPECIFICATIONS

Genset Rating (kVA)	45*	50
DG Model	MB45DR	M50DR
Power Rating (kWe)	36	40
No. of Phases	1/3	3
Output Voltage (V)	230/415	415
Power Factor (lagging)	0.8	0.8
Current (A) (1 Phase / 3 Phase)	195.7 / 62.6	69.6
Frequency (Hz)/ RPM	50/1500	50/1500
Governing Class	G3	G3
Starting System (volt)	12 V DC electrical	12 V DC electrical
Fuel Tank Capacity (lit)	115	156
Genset Weight Dry	990	1050
Genset Dimension (LxWxH) (mm)	2325 X 980 X 1330	2600 X 1130 X 1575
Controller Model	GC 1115	GC 1115
Engine Specifications		
Make	Mahindra	Mahindra
Model	M4275G1	V4355G1
Fuel system	Electronic	Electronic
Rated Power Output (Hp)	51.8	65.4
Compression Ratio	18.7:1	18.7:1
Aspiration	Turbocharged & Intercooled	Turbocharged & Intercooled
No. of Cylinders	4	4
Bore x Stroke (mm)	88.9 x 110	96 x 122
Displacement (Ltr)	2.7	3.5
Lube Oil Specification	SAE 15W40 CI4+	SAE 15W40 CI4+
Total Lube Oil capacity (lit)	10.5	8.5
Lube Oil Change Period (hrs.)	500Hrs	500Hrs
System (Engine & radiator) Coolant Capacity (lit)	12.5	15.5
Alternator Specifications		
Make	CG/LS/Equivalent	CG/LS/Equivalent
Enclosure Type	IP23	IP23
Voltage Regulation	+/- 1%	+/- 1%
Class of Insulation	H	H
Maximum Unbalanced load across Phases	25%	25%
Total Harmonic distortion	AT NO LOAD <2.5%	AT NO LOAD <2.5%

All Specifications are at Standard NTP operating conditions

• # Engine Power at 100 % load • * Represents the Standby Ratings • Standard warranty of 2 Years/5000 Hours, 5 Years 5C warranty

Disclaimer: Technical data and specifications are subject to change without notice.