

TECHNICAL SPECIFICATIONS

Genset Rating (kVA)	15	*20
DG Model	M15DR	MB20DR
Power Rating (kWe)	12	16
No. of Phases	1/3	1/3
Output Voltage (V)	230/415	230/415
Power Factor (lagging)	0.8	0.8
Current (A) (1 Phase / 3 Phase)	65.2/20.9	87/27.8
Frequency (Hz)/ RPM	50/1500	50/1500
Governing Class	G2	G2
Starting System (volt)	12 V DC electrical	12 V DC electrical
Fuel Tank Capacity (lit)	75	75
Genset Weight Dry	725	780
Genset Dimension (LxWxH) (mm)	1990 X 900 X 1330	1990 X 900 X 1330
Controller Model	GC 1115	GC 1115
Engine Specifications		
Make	Mahindra	Mahindra
Model	M3205G1	M3205G2
Fuel system	Mechanical	Mechanical
Rated Power Output (Hp)	22.7	25.2
Compression Ratio	19.5:1	19.5:1
Aspiration	Naturally Aspirated	Naturally Aspirated
No. of Cylinders	3	3
Bore x Stroke (mm)	88.9 x 110	88.9 x 110
Displacement (Ltr)	2.0	2.0
Lube Oil Specification	SAE 15W40 CI4+	SAE 15W40 CI4+
Total Lube Oil capacity (lit)	6.2	6.2
Lube Oil Change Period (hrs.)	500Hrs	500Hrs
System (Engine & radiator) Coolant Capacity (lit)	7.7	7.7
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.