

# Introducing the new & innovative Leaf Diesel Generators



Patented enclosure | Compact size | Reduced noise level | Colour options available in 7.5 to 20 kVA



LEAF DG COLOUR RANGE

# Technical Specifications

Diesel Generator Set Specifications						
Standby Power Rating, kVAe (kW <sub>e</sub> )	8 (6.6)	11 (8.8)	13.7 (11)	17 (13.2)	20.3(16.2)	22 (17.6)
Prime Power Rating, kVAe (kW <sub>e</sub> )	7.5 (6)	10 (8)	12.5 (10)	15 (12)	18.5(14.8)	20 (16)
Maximum Load, Amperes	11	15	19	23	28	31
Rated Load, Amperes	10	14	17	21	26	28
Power Factor	0.8					

Engine Specifications						
Manufacturer	Mahindra & Mahindra Ltd.					
Engine Model	2185 GM	2185 GM	2205 GM	3255 GM	3285 GM	3305 GM
No. of Cylinders	2	2	2	3	3	3
Aspiration	Naturally Aspirated					
Cooling System	Water Cooled with Radiator					
Displacement, litres	1.36	1.36	1.48	1.89	2.05	2.05
Bore, mm	88.9	88.9	88.9	88.9	88.9	88.9
Stroke, mm	110	110	120	101.6	110	110
Rated rpm	1500					
Max. Engine Power, hp @ rated rpm	18	18	20	25	28	30
Rated Engine Power, hp @ rated rpm	16	16	18.3	23	25.4	27
Governor Type, Class of Governing	Mechanical-A1 Class/Electronic Optional					
Air Cleaner Type	Dry Type					
Lube Oil Specifications	SAE, CF4 15W40					
Starting System, volts	12V, Electrical					
Battery Capacity, Ah	88Ah					
Fuel	High Speed Diesel					
Overload Capacity	Provision of 10% overloading is applicable as per ISO 8528-1:2005 (E)					

Alternator Specifications	
Make	Leroy Somer
Type	Brushless, Single bearing, Self-exciting
Voltage, volts	230 (1 Phase)/415 (3 Phase)
Rpm/Frequency, hz	1500 / 50
Voltage Regulation	±1%
Enclosure Type	IP 23
Class of Insulation	H Class
Control Panel	Standard Manual Control Panel with Digital Controller (AMF Panel - as per specific requirement / application)

Acoustics Specifications	
Acoustics Enclosure (Canopy)	Made from specially procured CRCA sheet using CNC machines for precision fit & finish, powder coated
Noise level, dB	75dBA @ 1 meter distance
Exhaust Silencer	Inside Canopy
Length, mm	2215
Width, mm	1050
Height, mm	1336
Weight, kg	700

**Note:** In view of our policy of continuously improving our products, we reserve the right to alter specifications or designs without prior notice and without liability. Illustrations do not necessarily show the product in its standard form



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