



Output Rating	
Generating set Model	M15
240V, 60Hz	15kVA
	12kW
	Rating at 0.8pf

Rating Definitions

Standby Power – Model M15

These ratings are applicable for supplying continuous electrical power (at variable load) in event of a utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO8528-3).

Technical Data

Engine Model	Mahindra 3255 GMX
Alternator Model	LSC 29S
Number of cylinders	3
Cubic Capacity : cc	1895
Bore / Stroke: mm	88.9 / 101.6
Compression ratio	18:1
Aspiration	Natural
Frequency: Hz	60
Engine Speed: rpm	1800
Gross Engine Power: hp	28
BMEP: kPo	780
Piston Speed m/sec:	5.08
Fuel Tank Capacity: Litres	150
Fuel Consump, M15: l/hr	4.54
Heat Rejection to Exhaust System: kW	12.2
Heat Rejection to Cooling System: kW	15.3
Total Radiated Heat: kW	1.0
Exhaust Temperature: °C	475
Radiator Cooling Airflow : m ³ /min	58.5
Combustion Airflow: m ³ /min	1.55
Exhaust Gas Flow: m ³ /min	1.64



Note: Standard reference conditions 270^oC (80^oF) air Inlet Temp. 152.4m (500ft) A.S.L. 60% relative humidity. All engine performance data based on the above Mentioned maximum continuous ratings. Fuel consumption data at full load with Diesel fuel with specific gravity of 0.85 and conforming to BS2869:1998, Class A2

Generating Set comply with Govt. of India, Ministry of Environment & Forests Notification GSR 371 for noise and exhaust pollution.

The equipment meets with the following standards BS5514, BS4999, BS5000 IS4722 & IS10000.

Dimensions and Weights				
Length : mm	Width: mm	Height: mm	Dry: kg	Wet: kg
1900	1000	1300	869	880
Dry = With Lube Oil		Wet = With Lube Oil and Coolant		

Generating set pictured may include optional accessories

M15



FG Wilson Generators India Pvt.Ltd

306 Acme Plaza, Andheri-kurfa Road,
And Heri East, Mumbai 400 059 India

Phone: + 91 22 2825 2666 Fax: +91 22 2825 2668

Website : <http://www.FGWilson.com>
Email : gensets@fgwilsonindia.com

