



MNY800

GENERATING SETS

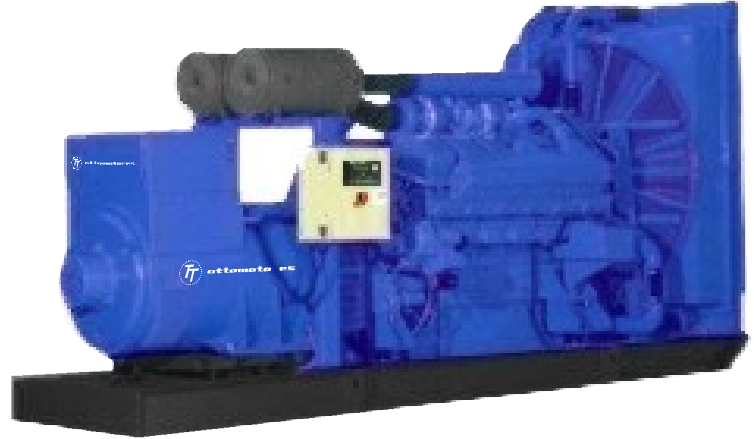
MITSUBISHI ENGINES

Rating Definition

Standby Power - Model MNY800

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.



Technical data

Engine Model:	S12A2-Y-1PTA-1
Alternator Model:	HCI634G
Number of Cylinders:	12 Cylinder Vee
Bore/Stroke :in(m)	5.91 x 6.30 (150 x 160)
Compretion ratio:	15.3:1
Aspiration:	Turbo & Aftercooler
Frequency:	60 Hz
Engine Speed:	1800 rpm
Gross engine powerHP(kW)	1207 (900)
BMEP:psi (kgf/cm²)	256 (18.0)
Piston Speedt/min (m/s)	1890 (9.6)
Fuel Consumpt / hr - 100%load	235.2
Heat Rejection to Exhaust System BTU/min (kcal)	43911 (663918)
Heat Rejection to Engine Jacket RadiatorBTU/min (kcal)	3913 (59166)
Radiator cooling Air Flow: m³/seg -CFM	1380 (48728)
Exhaust Gas Flowcfm (m³/min)	7450 (211)

Output Ratings

Ratings at 0.8pf

Frequency	Models	Voltage	kVA	kWe
60 Hz	MNY800	440-220 V	1000	800

Dimensions and Weights

Lengthcm	Widthcm	Heigthcm	Dry:kgs	Wet:kgs
410	205	245	5491	5751

Note: Standard reference conditions 25°C (77°F) Air inlet Temperature. All engines performance data based on the adobe metioned maximum continuos ratings. Fuel consumption data at full load with diesel fuel with specific gravity of 0.85.

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