



# MNY1250

# GENERATING SETS

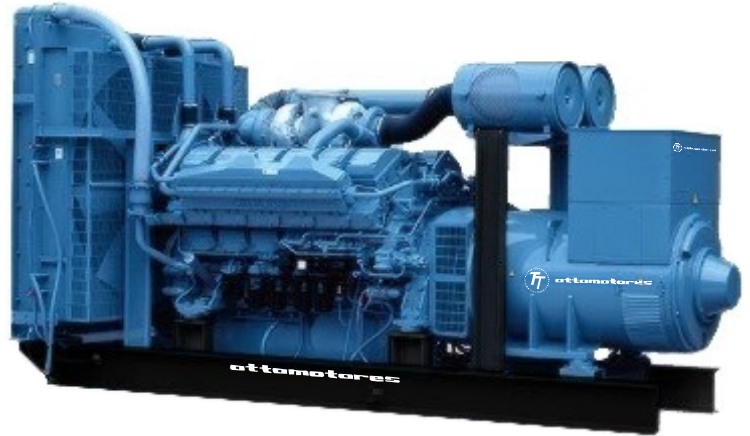
## MITSUBISHI ENGINES

### Rating Definition

Standby Power - Model MNY1250

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

<b>Engine Model:</b>	S12R-Y1PTA-2
<b>Alternator Model:</b>	HCI634K
<b>Number of Cylinders:</b>	12 Cylinder
<b>Bore/Stroke :mm (in)</b>	6.69 x 7.09 (170 x 180)
<b>Compretion ratio:</b>	15.0:1
<b>Aspiration:</b>	Turbo & Low Temp.Aftercooled
<b>Frequency:</b>	60 Hz
<b>Engine Speed:</b>	1800 rpm
<b>Gross engine powerBHP(kWm)</b>	1881 (1403)
<b>BMEPpsi (kgf/cm<sup>2</sup>)</b>	276 (19.4)
<b>Piston Speedft/min (m/s)</b>	2126 (10.8)
<b>Fuel Consumption / hr - 100%load</b>	312
<b>Heat Rejection to Exhaust System</b>	
BTU/min (kcal/hr)	70941 (1072611)
<b>Heat Rejection to Engine Jacket</b>	
RadiatorBTU/min (kcal/hr)	52336 (791303)
<b>Radiator cooling Air Flow:</b>	
m <sup>3</sup> /seg -CFM	1800 (63558)
<b>Exhaust Gas Flowm (liter/s)</b>	11794 (334)

### Output Ratings Ratings at 0.8pf

Frequency	Models	Voltage	kVA	kWe
60 Hz	MNY1250	220-440 V	1562	1250

### Dimensions and Weights

Lengthcm	Widthcm	Heightcm	Drykgs	Wetkgs
480	200	237	4800	5080

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

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