



# MNY2000\*

# GENERATING SETS

## MITSUBISHI ENGINES

\*440 volts only

### Rating Definition

Standby Power - Model MNY2000

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>	S16R-Y1PTAA2-1
<b>Alternator Model:</b>	PI734F
<b>Number of Cylinders:</b>	16 Cylinder Vee
<b>Bore/Stroke :im(m)</b>	6.69 x 7.09 (170 x 180)
<b>Compretn ratio:</b>	14.0:1
<b>Aspiration:</b>	Turbo & Low Temp.Aftercooled
<b>Frequency:</b>	60 Hz
<b>Engine Speed:</b>	1800 rpm
<b>Gross engine powerBHP(kWm)</b>	2882 (2150)
<b>BMEPpsi (kPA)</b>	319 (22.4)
<b>Piston Speedft/min (m/s)</b>	2126 (10.8)
<b>Fuel Consumpt / hr - 100%load</b>	480
<b>Heat Rejection to Exhaust System BTU/min (kcal)</b>	93732 (1417210)
<b>Heat Rejection to Engine Jacket RadiatorBTU/min (kWm)</b>	38999 (589662)
<b>Radiator cooling Air Flow: m³/seg -CFM</b>	2500 (88275)
<b>Exhaust Gas Flowcfm (liter/s)</b>	16878 (478)

### Output Ratings

Ratings at 0.8pf

Frequency	Models	Voltage	kVA	kWe
60 Hz	MNY2000	440 V	2500	2000

### Dimensions and Weights

Lengthcm	Widthcm	Heightcm	Drykgs	Wetkgs
600	226	312	11131	12031

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

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