



**TEKSAN DIESEL GENERATING SET**  
230/400 V 50 Hz - 1500 rpm

**GEN-SET MODEL**

**TJ2280MS**

**GEN-SET POWER RATING**

*Stand-by Power	kVA	2278
**Prime Power	kVA	2025

\* Standby Power available a variable load in the event of a main power network failure. No overload is permitted.

\*\* Prime Power available at variable load in lieu of main power network. An overload of 10% is permitted for one hour in every twelve hours of operation.

**DIMENSIONS W x L x H**

Open Skid	mm	2300x5800x2750
Canopied	mm	TBA

**FUEL TANK CAPACITY**

Open Skid	lt	4000
Canopied	lt	TBA

**WEIGHT**

Open Skid	kg	15200
Canopied	kg	TBA

**ENGINE**

Manufacturer		mitsubishi
Origin		FRANCE
Model		S16R PTAA2
Governor Type		Electronic
Speed		1500
Net Stand-by Power	kWm	1895
Net Prime Power	kWm	1684
Cylinder number and config.		V - 16
Bore/Stroke	mm	170 x 180
Displacement	lt	65,37
Compression ratio		13,5
Aspiration		Turbocharged - Air to air cooler
Cooling		Water Cooled
Electrical system	V	24
Fuel Consumption at full load	lt/h	408
Lub.Oil Capacity	lt	230
Coolant Capacity with radiator	lt	170

**ALTERNATOR**

Manufacturer		MARELLI
Origin		ITALY
Model		MJB500MB4
Stand By Power	kVA	2370
Power Factor		0,8
Efficiency	%	96,2
Number of Bearing		Single
Leads Number		6
Voltage	V	230/400
Voltage Regulation Accuracy		±1%
Frequence	Hz	50
Insulation Class		H
Protection		IP23
Excitation System		Brushless, AVR
Connection		Star

All ratings data based on operation under ISO 3046 conditions using typical fan sizes and drive ratios. For operation outside of these conditions please consult to Teksan.

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