



TEKSAN DIESEL GENERATING SET

230/400 V 50 Hz - 1500 rpm

GEN-SET MODEL**TJ16MS**

GEN-SET POWER RATING

*Stand-by Power	kVA	16
**Prime Power	kVA	15

* 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	750x1600x1170
Canopied	mm	900x2200x1570

FUEL TANK CAPACITY

Open Skid	lt	63
Canopied	lt	96

WEIGHT

Open Skid	kg	580
Canopied	kg	690

ENGINE

Manufacturer		mitsubishi
Origin		JAPAN
Model		S4L2 61SD
Governor Type		Mechanical
Speed		1500
Net Stand-by Power	kWm	15,1
Net Prime Power	kWm	13,7
Cylinder number and config.		In line - 4
Bore/Stroke	mm	78 x 92
Displacement	lt	1,758
Compression ratio		22
Aspiration		Naturally aspirated
Cooling		Water Cooled
Electrical system	V	12
Fuel Consumption at full load	lt/h	4,1
Lub.Oil Capacity	lt	6,0
Coolant Capacity with radiator	lt	4,9

ALTERNATOR

Manufacturer		MARELLI
Origin		ITALY
Model		MJB160SA4
Stand By Power	kVA	19
Power Factor		0,8
Efficiency	%	85,6
Number of Bearing		Single
Voltage	V	230/400
Voltage Regulation Accuracy		±1%
Frequence	Hz	50
Insulation Class		H
Protection		IP23
Excitation System		Brushless, AVR

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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