



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

GEN-SET MODEL

TJ38VMG

GEN-SET POWER RATING

*Stand-by Power	kVA	38
**Continuous Power	kVA	35
* Stand-by Power is available for operation under normal varying load factors during a power outage. Not overloadable		
** Continuous Power is available for continuous operation and unlimited operating time under varying load factors.		
10% overload available for 1/12h		

DIMENSIONS W x L x H

Open Skid	mm	750 x 1850 x 1220
Canopied	mm	900 x 2600 x 1570

* Air Inlet & Outlet Ducks (Dismountable sections)

WEIGHT

Open Skid	kg	745
Canopied	kg	965

ENGINE

Manufacturer		VAMO
Model		G3900G.NG
Governor Type		Electronic
Speed		1500
Net Stand-by Power	kWm	36,0
Net Prime Power	kWm	32,8
Cylinder number and config.		In line - 4
Bore/Stroke	mm	98/127
Displacement	lt	3,90
Compression ratio		11,0
Aspiration		Naturally aspirated
Cooling		Water Cooled
Electrical system	V	12
Fuel Consumption at full load	gr/kwh	0,22
Fuel type		CNG (Methane)
Octane Number		130
Gas Density	kg/m ³	0,6512
Lower Heating Value	kJ/l	49913
Energy Content (volume)	kJ/l	7875
Input Gas Pressure	bar	0,3
Lub.Oil Capacity	lt	8
Coolant Capacity with radiator	lt	17,5

ALTERNATOR

Manufacturer		MARELLI
Origin		ITALY
Model		MJB200SA4
Stand By Power	kVA	38
Power Factor		0,8
Efficiency	%	86,0
Number of Bearing		Single
Leads Number		12
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 the operation under ISO 3046 conditions using the fuel given in the chart. For operation outside of these conditions please consult to Teksan. Teksan reserves the right to amend details and specifications without notice and all information given is subject to the Teksan's current conditions of sales