TJ2100MS

Diesel Generator Sets (50 Hz / 60 Hz)

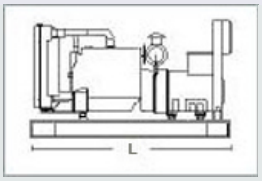
Power Output Ratings		50 Hz / 400 V	60 Hz / 440 V
Standby Power (ESP)	kVA	2100	2287
	kW	1680	1830
Prime Power (PRP)	kVA	1909	2076
	kW	1527	1661

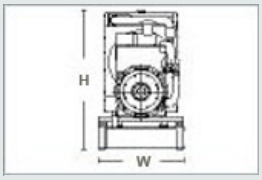
Engine			
Manufacturer		MITSUBISHI	
Origin		JAPAN	
Model		S16R-PTA2	
No of Cylinder / Configuration		16 - V TYPE	
Displacement	lt	65,37	
Bore / Stroke	mm	170 / 180	
Compression Ratio		13,5:1	
Aspiration		Turbocharged and Aftercooled	
Governor Type		ELECTRONIC	
Cooling System		WATER	
Coolant Capacity	lt	345	
Lubrication Oil Capacity	lt	230	
Electrical System	VDC	24	
Speed / Frequency		1500 rpm / 50 Hz	1800 rpm / 60 Hz
Engine Gross Power	kWm	1790	1950
Fuel Consumption lt/h	110 %	452	510
	100 %	403	469
	75 %	304	358
	50 %	219	257
Exhaust Outlet Temperature	°C	524	~540
Exhaust Gas Flow	m³/min	379	424
Combustion Air Flow	m³/min	143	160
Cooling Air Flow	m³/min	2040	2040

Standby Power
Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year under average of 70% load. Overloading is not permissible.

Prime Power
Prime power is defined as being the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load. Average load should be 70%. The generator can be overloaded 10% for 1 hour per 12 hours.

Alternator			
Manufacturer		MARELLI	
Origin		ITALY	
Model		MJB500SC4	
No of Phase		3	
Power Factor		0,8	
No of Bearing		SINGLE	
No of Poles		4	
No of Leads		6	
Voltage Regulation (Steady State)		± %0,5	
Insulation Class		H	
Degree of Protection		IP 23	
Excitation System		AVR (Automatic Voltage Regulator), Brushless	
Connection Type		STAR	
Total Harmonic Content (No Load)		< %2	
Frequency	Hz	50	60
Voltage Output	VAC	230 / 400	254 / 440
Rated Power (Standby)	kVA	2200	2500
Efficiency	%	96,1	96,3





	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise (dBA)
Canopied	2468 x 9145 x 4150	20170	2440	TBA
Open Skid	2265 x 5260 x 2650	13250	3000	TBA

- Technical information and values are according to ISO8528, ISO3046,NEMA MG-1.22, IEC 60034-1, BS 4999-5000, VDE 0530 standards.
- Producing with ISO9001, ISO14001, OHSAS18001, TSE, CE standards.
- All information given in this leaflet is intended for general purposes only. Due to a policy continuous improvement Teksan reserves the right to amend details and specifications without notice and all information given is subject to the Teksan's current condition of sales.

TBA: To Be Ask **TBD:** To Be Determined **NA:** Not Avaliable **N/A:** Not Applicable **TTD2100MS0508-EN**