

Power Output Ratings		50 Hz / 400 V		60 Hz / 440 V	
Standby Power (ESP)	kVA	714	855		
	kW	571	684		
Prime Power (PRP)	kVA	649	775		
	kW	519,2	620		



Engine				
Manufacturer		MTU		
Origin		GERMANY		
Model		12V2000G25/G45		
No of Cylinder / Configuration		12 - V TYPE		
Displacement	lt	23,88		
Bore / Stroke	mm	130 / 150		
Compression Ratio		16:1		
Aspiration		Turbocharged and Intercooled		
Governor Type		ELEKTRONIC		
Cooling System		WATER		
Coolant Capacity	lt	TBD		
Lubrication Oil Capacity	lt	77		
Electrical System	VDC	24		
Speed / Frequency		1500 rpm / 50 Hz	1800 rpm / 60 Hz	
Engine Gross Power	kWm	635	780	
Fuel Consumption	g/kWh	110 %	201	210
		100 %	204	211
		75 %	211	215
		50 %	233	239
Exhaust Outlet Temperature	°C	550	550	
Exhaust Gas Flow	m³/s	2,1	2,65	
Combustion Air Flow	m³/s	0,75	1,05	
Cooling Air Flow	m³/s	TBD	TBD	



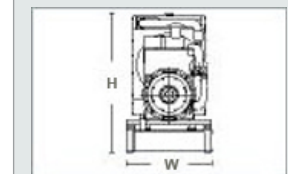
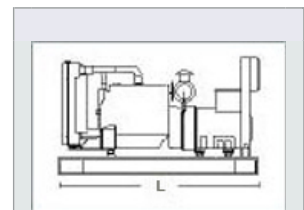
Standby Power

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		MJB355MA4	
Power Factor		0,8	
No of Bearing		SINGLE	
No of Poles		4	
No of Leads		12	
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	750	855
Efficiency	%	94,7	94,9



	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise (dBA)
Canopied	2468 x 6078 x 2591	TBA	1200	TBA
Open Skid	1580 x 3900 x 2012	TBA	1000	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 Available N/A: Not Applicable

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