

Power Output Ratings		50 Hz / 400 V		60 Hz / 440 V	
Standby Power (ESP)	kVA	774	N/A	N/A	N/A
	kW	619	N/A	N/A	N/A
Prime Power (PRP)	kVA	N/A	N/A	N/A	N/A
	kW	N/A	N/A	N/A	N/A



Engine				
Manufacturer		DOOSAN		
Origin		KOREA		
Model		P222LE-II		
No of Cylinder / Configuration		12 - V TYPE		
Displacement	lt	21,92		
Bore / Stroke	mm	128 / 142		
Compression Ratio		13,99:1		
Aspiration		Turbocharged and Intercooled		
Governor Type		ELECTRONIC		
Cooling System		WATER		
Coolant Capacity	lt	125		
Lubrication Oil Capacity	lt	40		
Electrical System	VDC	24		
Speed / Frequency		1500 rpm / 50 Hz	1800 rpm / 60 Hz	
Engine Gross Power	kWm	652	N/A	
Fuel Consumption	lt/h	110 %	162,6	N/A
		100 %	146,3	N/A
		75 %	107,8	N/A
		50 %	71,6	N/A
Exhaust Outlet Temperature	°C	635	N/A	
Exhaust Gas Flow	m³/min	119,9	N/A	
Combustion Air Flow	m³/min	40,3	N/A	
Cooling Air Flow	m³/min	700	N/A	



Standby Power

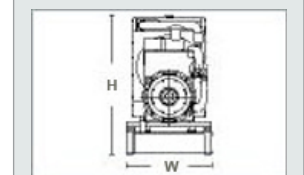
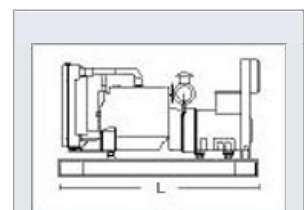
Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year under 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		MJB355MB4	
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	880	1010
Efficiency	%	95	95,2

	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise (dBA)
Canopied	1687 x 5019 x 2400	5710	1125	TBA
Open Skid	1300 x 3800 x 2050	4540	850	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

TTD775DW0508-EN

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