

Power Output Ratings		50 Hz / 400 V		60 Hz / 440 V	
Standby Power (ESP)	kVA	101	122		
	kW	81	97		
Prime Power (PRP)	kVA	92	110		
	kW	74	88		

TBA

Engine				
Manufacturer		PERKINS		
Origin		U.K.		
Model		1006TG1A		
No of Cylinder / Configuration		6 - INLINE		
Displacement	lt	5,99		
Bore / Stroke	mm	100 / 127		
Compression Ratio		16:1		
Aspiration		Turbocharged		
Governor Type		MECHANIC		
Cooling System		WATER		
Coolant Capacity	lt	27,7		
Lubrication Oil Capacity	lt	13,1		
Electrical System	VDC	12		
Speed / Frequency		1500 rpm / 50 Hz	1800 rpm / 60 Hz	
Engine Gross Power	kWm	94	110,5	
Fuel Consumption	lt/h	110 %	24,1	28,4
		100 %	21,8	25,8
		75 %	16,5	19,9
		50 %	11,4	14
Exhaust Outlet Temperature	°C	583	573	
Exhaust Gas Flow	m³/min	16,97	21,06	
Combustion Air Flow	m³/min	5,69	7,28	
Cooling Air Flow	m³/min	115	140	



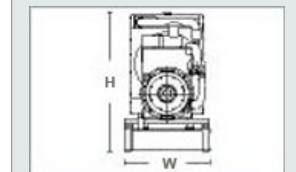
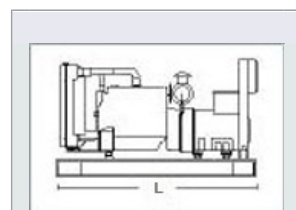
Standby Power

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		MJB225SB4	
No of Phase		3	
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	101	125
Efficiency	%	91,5	91,4



	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise (dBA)
Canopied	1037 x 3265 x 1700	1620	168	TBA
Open Skid	750 x 2400 x 1520	1200	144	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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