

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

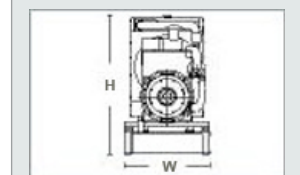
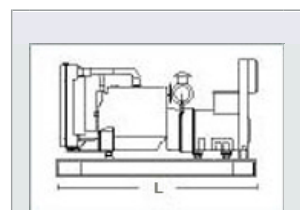
Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year under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

TTD105PE0508-EN

www.teksangenerator.com

