

Power Output Ratings		50 Hz / 400 V		60 Hz / 440 V	
Standby Power (ESP)	kVA	500	570		
	kW	400	456		
Prime Power (PRP)	kVA	450	513		
	kW	360	410		

TBA

Engine				
Manufacturer		PERKINS		
Origin		U.S.A.		
Model		2506A-E15TAG1		
No of Cylinder / Configuration		6 - INLINE		
Displacement	lt	15,2		
Bore / Stroke	mm	137 / 171		
Compression Ratio		16:1		
Aspiration		Turbocharged and Air-to-Air Charged Cooled		
Governor Type		ELECTRONIC/ECM		
Cooling System		WATER		
Coolant Capacity	lt	58		
Lubrication Oil Capacity	lt	62		
Electrical System	VDC	24		
Speed / Frequency		1500 rpm / 50 Hz	1800 rpm / 60 Hz	
Engine Gross Power	kWm	451	514	
Fuel Consumption	lt/h	110 %	104	116
		100 %	95	102
		75 %	72	78
		50 %	50	53
Exhaust Outlet Temperature	°C	550	550	
Exhaust Gas Flow	m³/min	81	105,3	
Combustion Air Flow	m³/min	30,5	38	
Cooling Air Flow	m³/min	722	866	



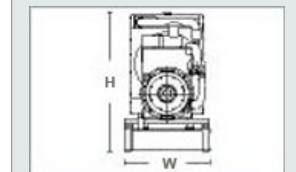
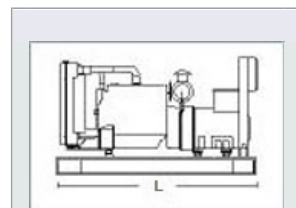
Standby Power

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		MJB315MB4	
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	500	570
Efficiency	%	94	94,5



	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise (dBA)
Canopied	1687 x 5019 x 2400	4592	935	TBA
Open Skid	1150 x 3700 x 2030	3640	885	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 TTD500PE0309-EN

