

Power Output Ratings		50 Hz / 400 V		60 Hz / 440 V	
Standby Power (ESP)	kVA	409	447		
	kW	327	358		
Prime Power (PRP)	kVA	357	407		
	kW	286	326		

**TBA**

Engine					
Manufacturer	PERKINS				
Origin	U.S.A.				
Model	2206A-E13TAG2				
No of Cylinder / Configuration	6 - INLINE				
Displacement	lt	12,5			
Bore / Stroke	mm	130 / 157			
Compression Ratio	16,3:1				
Aspiration	Turbocharged and Air-to-Air Charged Cooled				
Governor Type	ELECTRONIC/ECM				
Cooling System	WATER				
Coolant Capacity	lt	51,4			
Lubrication Oil Capacity	lt	40			
Electrical System	VDC	24			
Speed / Frequency		1500 rpm / 50 Hz	1800 rpm / 60 Hz		
Engine Gross Power	kWm	368	407		
Fuel Consumption	lt/h	110 %	80	87	
		100 %	77	88	
		75 %	71	81	
		50 %	54	62	
Exhaust Outlet Temperature	°C	630	660		
Exhaust Gas Flow	m³/min	64,8	73,5		
Combustion Air Flow	m³/min	23,6	29		
Cooling Air Flow	m³/min	654	788		



### Standby Power

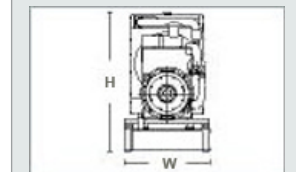
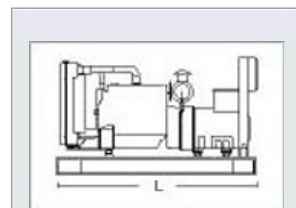
Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year under 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	MJB315MA4				
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	450	515		
Efficiency	%	93,7	93,9		

	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise (dBA)
Canopied	1687 x 4519 x 2400	3488	570	TBA
Open Skid	1100 x 3200 x 1920	2788	570	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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