

Power Output Ratings		50 Hz / 400 V		60 Hz / 440 V	
Standby Power (ESP)	kVA	253		275	
	kW	203		220	
Prime Power (PRP)	kVA	231		249	
	kW	185		200	

TBA

Engine					
Manufacturer		PERKINS			
Origin		U.S.A.			
Model		1306C-E87TAG4			
No of Cylinder / Configuration		6 - INLINE			
Displacement		lt	8,7		
Bore / Stroke		mm	116,6 / 135,9		
Compression Ratio		16,9:1			
Aspiration		Turbocharged and Air-to-Air Charged Cooled			
Governor Type		ELECTRONIC/ECM			
Cooling System		WATER			
Coolant Capacity		lt	37,2		
Lubrication Oil Capacity		lt	28,3		
Electrical System		VDC	24		
Speed / Frequency			1500 rpm / 50 Hz		1800 rpm / 60 Hz
Engine Gross Power		kWm	224		242
Fuel Consumption	lt/h	110 %	53		61
		100 %	48,5		54,4
		75 %	37,5		40,3
		50 %	26,1		27,9
Exhaust Outlet Temperature		°C	526		477
Exhaust Gas Flow		m³/min	40,3		51,3
Combustion Air Flow		m³/min	14,9		20,2
Cooling Air Flow		m³/min	375		480



Standby Power

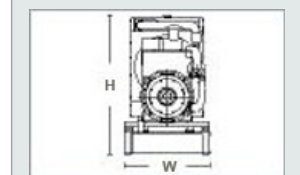
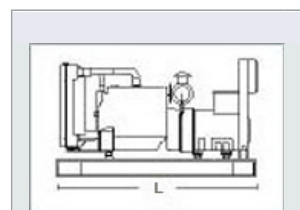
Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year under 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		MJB250LB4			
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	275		305
Efficiency		%	93,4		93,7

	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise (dBA)
Canopied	1237 x 3919 x 1950	2635	385	TBA
Open Skid	950 x 3000 x 1530	2015	385	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

TTD255PE0309-EN

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