

Power Output Ratings		50 Hz / 400 V		60 Hz / 440 V	
Standby Power (ESP)	kVA	114	129		
	kW	91	103		
Prime Power (PRP)	kVA	103	117		
	kW	83	93		

TBA

Engine					
Manufacturer	PERKINS				
Origin	U.K.				
Model	1104C-44TAG2				
No of Cylinder / Configuration	4 - INLINE				
Displacement	lt	4,4			
Bore / Stroke	mm	105 / 127			
Compression Ratio	18,23:1				
Aspiration	Turbocharged and Air-to-Air Charged Cooled				
Governor Type	ELECTRONIC/LCS				
Cooling System	WATER				
Coolant Capacity	lt	12,6			
Lubrication Oil Capacity	lt	8			
Electrical System	VDC	12			
Speed / Frequency		1500 rpm / 50 Hz	1800 rpm / 60 Hz		
Engine Gross Power	kWm	103	117,5		
Fuel Consumption	lt/h	110 %	24,9	29,7	
		100 %	22,6	26,9	
		75 %	17,1	20,2	
		50 %	11,8	14,1	
Exhaust Outlet Temperature	°C	543	574		
Exhaust Gas Flow	m³/min	16,3	20,4		
Combustion Air Flow	m³/min	6,27	7,80		
Cooling Air Flow	m³/min	165,6	225,6		



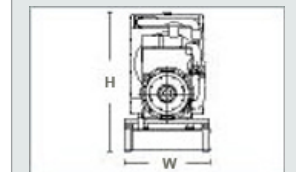
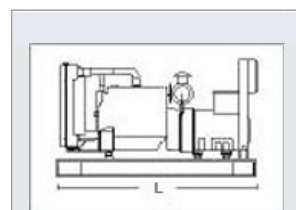
Standby Power

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	MJB225MA4				
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	115	139		
Efficiency	%	91,8	91,9		



	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise (dBA)
Canopied	987 x 2615 x 1570	1551	114	TBA
Open Skid	750 x 2000 x 1420	1237	114	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

TTD115PE0309-EN

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