

Power Output Ratings		50 Hz / 400 V		60 Hz / 440 V	
Standby Power (ESP)	kVA	145	168		
	kW	116	134		
Prime Power (PRP)	kVA	132	153		
	kW	106	122		

TBA

Engine					
Manufacturer		PERKINS			
Origin		U.K.			
Model		1006TAG			
No of Cylinder / Configuration		6 - INLINE			
Displacement	lt	5,99			
Bore / Stroke	mm	100 / 127			
Compression Ratio		17:1			
Aspiration		Turbocharged and Air-to-Air Charged Cooled			
Governor Type		ELECTRONIC			
Cooling System		WATER			
Coolant Capacity	lt	37,22			
Lubrication Oil Capacity	lt	19			
Electrical System	VDC	12			
Speed / Frequency		1500 rpm / 50 Hz		1800 rpm / 60 Hz	
Engine Gross Power	kWm	141		158,5	
Fuel Consumption	lt/h	110 %	31,5	37,6	
		100 %	24,1	28,9	
		75 %	16,5	19,4	
		50 %	14,5	17,5	
Exhaust Outlet Temperature	°C	571		540	
Exhaust Gas Flow	m³/min	25,71		31,41	
Combustion Air Flow	m³/min	8,78		11,17	
Cooling Air Flow	m³/min	154		182	



Standby Power

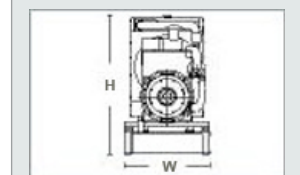
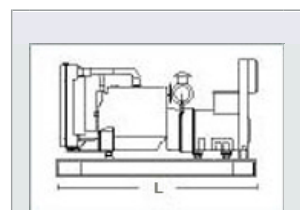
Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year under 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		MJB225LA4			
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	145		168	
Efficiency	%	92,2		92,5	

	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise (dBA)
Canopied	1037 x 3265 x 1700	1838	168	TBA
Open Skid	750 x 2400 x 1520	1418	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

TTD145PE0309-EN

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