TJ155PE

Diesel Generator Sets (50 Hz / 60 Hz)

Power Output Ratings		50 Hz / 400 V	60 Hz / 440 V
Standby Power (ESP)	kVA	155	170
	kW	124	136
Prime Power (PRP)	kVA	140	153
	kW	112	123

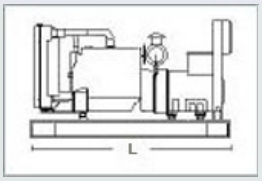
TBA

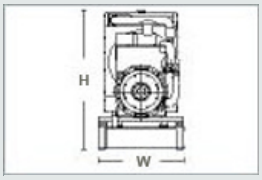
Engine			
Manufacturer		PERKINS	
Origin		U.K.	
Model		1006TAG	
No of Cylinder / Configuration		6 - INLINE	
Displacement	lt	5,99	
Bore / Stroke	mm	100 / 127	
Compression Ratio		17:1	
Aspiration		Turbocharged and Air-to-Air Charged Cooled	
Governor Type		ELECTRONIC	
Cooling System		WATER	
Coolant Capacity	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 %	34,6	41,3
	100 %	31,5	37,6
	75 %	24,1	28,9
	50 %	16,5	19,4
Exhaust Outlet Temperature	°C	585	551
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		MJB250MA4	
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	180	205
Efficiency	%	92,9	92,4





	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise (dBA)
Canopied	1037 x 3265 x 1700	1948	168	TBA
Open Skid	750 x 2400 x 1520	1528	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 Avaliable **N/A:** Not Applicable **TTD155PE0309-EN**