TJ2270PE

Diesel Generator Sets (50 Hz / 60 Hz)

Power Output Ratings		50 Hz / 400 V	60 Hz / 440 V
Standby Power (ESP)	kVA	2268	N/A
	kW	1814	N/A
Prime Power (PRP)	kVA	2062	N/A
	kW	1650	N/A

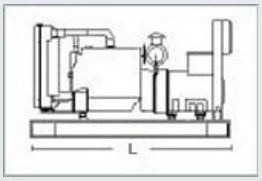
Engine			
Manufacturer		PERKINS	
Origin		U.K.	
Model		4016-TAG2A	
No of Cylinder / Configuration		16 - V TYPE	
Displacement	lt	61,123	
Bore / Stroke	mm	160 / 190	
Compression Ratio		13,6:1	
Aspiration		Turbocharged and Air-to-Air Charged Cooled	
Governor Type		ELECTRONIC	
Cooling System		WATER	
Coolant Capacity	lt	316	
Lubrication Oil Capacity	lt	237,2	
Electrical System	VDC	24	
Speed / Frequency		1500 rpm / 50 Hz	1800 rpm / 60 Hz
Engine Gross Power	kWm	1937	N/A
Fuel Consumption lt/h	110 %	488	N/A
	100 %	447	N/A
	75 %	326	N/A
	50 %	212	N/A
Exhaust Outlet Temperature	°C	493	N/A
Exhaust Gas Flow	m³/min	393	N/A
Combustion Air Flow	m³/min	145	N/A
Cooling Air Flow	m³/min	TBA	N/A

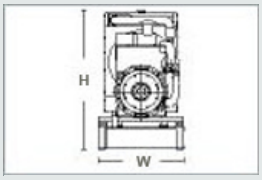
Alternator			
Manufacturer		MARELLI	
Origin		ITALY	
Model		MJB500MB4	
No of Phase		3	
Power Factor		0,8	
No of Bearing		SINGLE	
No of Poles		4	
No of Leads		6	
Voltage Regulation (Steady State)		± %0,5	
Insulation Class		H	
Degree of Protection		IP 23	
Excitation System		AVR (Automatic Voltage Regulator), 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	2370	2700
Efficiency	%	96,2	96,4

	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise (dBA)
Canopied	TBA x TBA x TBA	TBA	3500	TBA
Open Skid	2780 x 5750 x 3360	15600	3500	TBA

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.





- 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 **TTD2270PE0508-EN**