

Power Output Ratings

50 Hz / 400 V

Standby Power (ESP)	kVA	2278
	kW	1822
Prime Power (PRP)	kVA	2025
	kW	1620

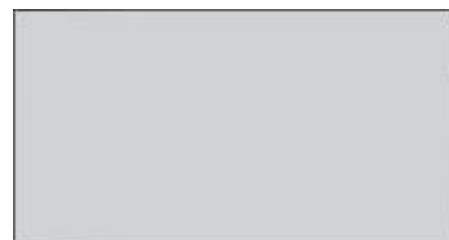
Engine

Manufacturer		PERKINS
Origin		U.K.
Model		4016-61TRG2
No of Cylinder / Configuration		16 - V TYPE
Displacement	lt	61,123
Bore / Stroke	mm	160 / 190
Compression Ratio		13:1
Aspiration		Turbocharged and Air-to-Water Charge Cooled
Governor Type		ELECTRONIC
Cooling System		WATER
Coolant Capacity	lt	TBA
Lubrication Oil Capacity	lt	213
Electrical System	VDC	24
Speed / Frequency		1500 rpm / 50 Hz
Engine Gross Power	kWm	1984
Fuel Consumption	lt/h	110 %
		100 %
		75 %
		50 %
Exhaust Outlet Temperature	°C	489
Exhaust Gas Flow	m³/min	490
Combustion Air Flow	m³/min	175
Cooling Air Flow	m³/min	TBA

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
Voltage Output	VAC	230 / 400
Rated Power (Standby)	kVA	2420
Efficiency	%	96,2

	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise dB(A)
Canopied	2468 x 12212 x 3950	TBA	2440	TBA
Open Skid (W/O Radiator)	2250 x 6000 x 2750	TBA	3500	TBA

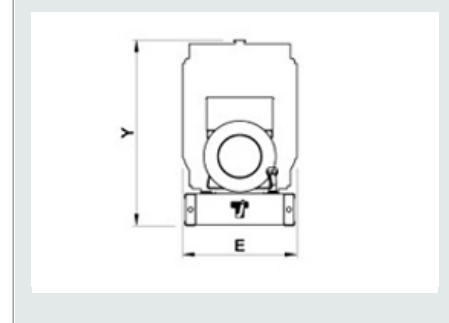
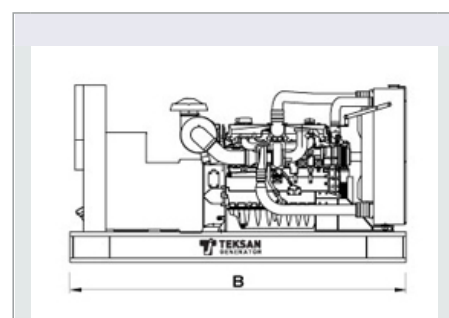


Standby Power

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 Available

N/A: Not Applicable

TTD2280PE5A0510-EN

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