

Power Output Ratings		50 Hz / 400 V
Standby Power (ESP)	kVA	10
	kW	8
Prime Power (PRP)	kVA	9
	kW	7

Standby Power (ESP)		
Manufacturer		PERKINS
Model		403A-11G
No of Cylinder / Configuration		3 - INLINE
Displacement	lt	1,131
Bore / Stroke	mm	77 / 81
Compression Ratio		23:01
Aspiration		Naturally Aspirated
Governor Type		MECHANIC
Cooling System		WATER
Coolant Capacity	lt	7
Lubrication Oil Capacity	lt	4,9
Electrical System	VDC	12
Speed / Frequency		1500 rpm / 50 Hz
Engine Gross Power	kWm	9,5
Fuel Consumption	110 %	2,9
	100 %	2,6
	75 %	2
	50 %	1,5
Exhaust Outlet Temperature	°C	420
Exhaust Gas Flow	m³/min	1,8
Combustion Air Flow	m³/min	0,7
Cooling Air Flow	m³/min	26,4

Alternator		
Manufacturer		MARELLI
Model		MJB160XA4
No of Phase		3
Power Factor		0,8
No of Bearing		SINGLE
No of Poles		4
No of Leads		12
Voltage Regulation (Steady State)		± %1
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	15,4
Efficiency	%	85

	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise dB(A) @ 1m
Canopied	700 x 1750 x 1200	425	75	69
Open Skid	700 x 1250 x 950	274,7	75	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

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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.

