

TJ14PE5A

Diesel Generator Sets / 50 Hz

Power Output Ratings		50 Hz / 400 V
Standby Power (ESP)	kVA	14
	kW	11
Prime Power (PRP)	kVA	13
	kW	10

Manufacturer		PERKINS	
	_		
Model		403A-15G	
No of Cylinder / Configuration		3 - INLINE	
Displacement	lt	1,496	
Bore / Stroke	mm	84 / 90	
Compression Ratio		22,5:1	
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	13,5	
	110 %	4,1	
Fuel Consumption It/h	100 %	3,7	
i dei Consumption	75 %	2,8	
	50 %	2,1	
Exhaust Outlet Temperature	°C	490	
Exhaust Gas Flow	m³/min	2,88	
Combustion Air Flow	m³/min	1,08	
Cooling Air Flow	m³/min	25,2	





Standby Power

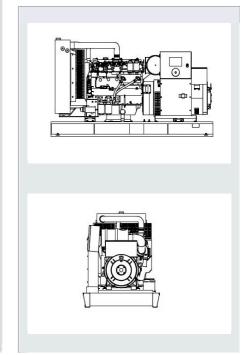
Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year $\,$ 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		
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		н		
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 (It)	Noise dB(A) 7 @ 1m
Canopied	700 x 1750 x 1200	500	75	70
Open Skid	700 x 1250 x 950	350	75	TBA
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- 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.

TBA: To Be Ask

- 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.

TBD: To Be Determined **NA:** Not Avaliable www.teksangenerator.com

TTD14PE5A0314-EN N/A: Not Applicable

