

TJ10PE5A

Diesel Generator Sets / 50 Hz

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		İt	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		it	4,9	
Electrical System		VDC	12	
Speed / Frequency			1500 rpm / 50 Hz	
Engine Gross Power		kWm	9,5	
Fuel Consumption		110 %	2,9	
	lt/h -	100 %	2,6	
	1011 -	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	





Standby Power

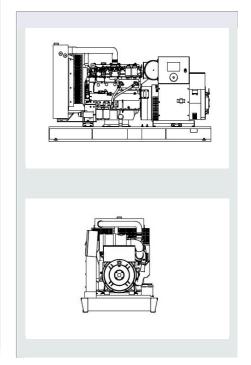
Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year $\,$ 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) @ 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.

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

TTD10PE5A0414-EN N/A: Not Applicable

