

TJ1265PE5A

Diesel Generator Sets / 50 Hz

Power Output Ratings		50 Hz / 400 V
Standby Power (ESP)	kVA	1265
	kW	1012
Prime Power (PRP)	kVA	1150
	kW	920

Engine				
Manufacturer			PERKINS	
Origin			U.K.	
Model			4012-46TWG2A	
No of Cylinder / Configuration			12 - V TYPE	
Displacement		lt	45,842	
Bore / Stroke		mm	160 / 190	
Compression Ratio			13,6:1	
Aspiration			Turbocharged and Air-to-Water Charge Cooled	
Governor Type			ELECTRONIC	
Cooling System			WATER	
Coolant Capacity		lt	201	
Lubrication Oil Capacity		lt	177	
Electrical System		VDC	24	
Speed / Frequency			1500 rpm / 50 Hz	
Engine Gross Power	Engine Gross Power		1224	
	lt/h	110 %	288	
Fuel Consumption		100 %	259	
	1011	75 %	196	
		50 %	143	
Exhaust Outlet Temperature		°C	422	
Exhaust Gas Flow		m³/min	180	
Combustion Air Flow		m³/min	109	
Cooling Air Flow	Cooling Air Flow		TBA	

Manufacturer Origin ITALY Model MJB400LA4 No of Phase 3 Power Factor 0,8 No of Bearing SINGLE No of Poles 4 No of Leads Voltage Regulation (Steady State) Insulation Class Degree of Protection Excitation System AVR (Automatic Voltage Regulator), Brushless Connection Type STAR Total Harmonic Content (No Load) Frequency Hz VAC 230 / 400 Rated Power (Standby) KVA 1265	Alternator					
Model MJB400LA4 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 1265	Manufacturer		MARELLI			
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 1265	Origin		ITALY			
Power Factor 0,8	Model	MJB400LA4				
No of Bearing SINGLE	No of Phase	3				
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 1265	Power Factor		0,8			
No of Leads 6	No of Bearing		SINGLE			
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 1265	No of Poles		4			
Insulation Class Degree of Protection IP 23 Excitation System AVR (Automatic Voltage Regulator), Brushless Connection Type STAR Total Harmonic Content (No Load) Frequency Hz Voltage Output VAC Rated Power (Standby) H IP 23 AVR (Automatic Voltage Regulator), Brushless STAR Total Harmonic Content (No Load) V%2 Frequency Hz VAC 230 / 400 Rated Power (Standby)	No of Leads		6			
Degree of Protection IP 23 Excitation System AVR (Automatic Voltage Regulator), Brushless Connection Type STAR Total Harmonic Content (No Load) Frequency Hz Voltage Output VAC 230 / 400 Rated Power (Standby) kVA 1265	Voltage Regulation (Steady State)		± %0,5			
Excitation System AVR (Automatic Voltage Regulator), Brushless Connection Type STAR Total Harmonic Content (No Load) Frequency Hz 50 Voltage Output VAC 230 / 400 Rated Power (Standby) kVA 1265	Insulation Class		Н			
Connection Type STAR Total Harmonic Content (No Load) < %2 Frequency Hz 50 Voltage Output VAC 230 / 400 Rated Power (Standby) kVA 1265	Degree of Protection		IP 23			
Total Harmonic Content (No Load) < %2 Frequency Hz 50 Voltage Output VAC 230 / 400 Rated Power (Standby) kVA 1265	Excitation System		AVR (Automatic Voltage Regulator), Brushless			
Frequency Hz 50 Voltage Output VAC 230 / 400 Rated Power (Standby) kVA 1265	Connection Type		STAR			
Voltage Output VAC 230 / 400 Rated Power (Standby) kVA 1265	Total Harmonic Content (No Load)		< %2			
Rated Power (Standby) kVA 1265	Frequency	Hz	50			
	Voltage Output	VAC	230 / 400			
Efficiency 0/	Rated Power (Standby)	kVA	1265			
Elliciency % 95,6	Efficiency	%	95,6			

	W x L x H (mm)	Weight (kg)	Fuel Tank (It)	Noise dB(A)
Canopied	2468 x 9145 x 3700	16750	2240	TBA
Open Skid	1880 x 4800 x 2350	9050	2000	TBA



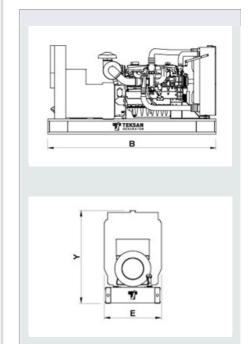


Standby Power

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.

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.

N/A: Not Applicable

TBD: To Be Determined **NA:** Not Avaliable www.teksangenerator.com TTD1265PE5A0411-EN

