

TJ155PE5A

Diesel Generator Sets / 50 Hz

Power Output Ratings		50 Hz / 400 V
Standby Power (ESP)	kVA	155
	kW	124
Prime Power (PRP)	kVA	140
	kW	112

Engine				
Manufacturer			PERKINS	
Origin			U.K.	
Model			1006TAG	
No of Cylinder / Configuration			6 - INLINE	
Displacement		lt	5,99	
Bore / Stroke		mm	100 / 127	
Compression Ratio			17:01	
Aspiration			Turbocharged and Air to-Air Charged Cooled	
Governor Type			ELECTRONIC	
Cooling System			WATER	
Coolant Capacity		lt	37,22	
Lubrication Oil Capacity		lt	19	
Electrical System		VDC	12	
Speed / Frequency			1500 rpm / 50 Hz	
Engine Gross Power		kWm	141	
	lt/h	110 %	34,6	
Fuel Consumption		100 %	31,5	
	1011	75 %	24,1	
		50 %	16,5	
Exhaust Outlet Temperature		°C	585	
Exhaust Gas Flow		m³/min	25,71	
Combustion Air Flow		m³/min	8,78	
Cooling Air Flow		m³/min	154	

Manufacturer Origin ITALY Model MJB250MA4 No of Phase 3 Power Factor 0,8 No of Bearing SINGLE No of Poles 4 No of Leads 12 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 180	Alternator					
Model MJB250MA4 No of Phase 3 Power Factor 0,8 No of Bearing SINGLE No of Poles 4 No of Leads 12 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 180	Manufacturer		MARELLI			
No of Phase 3 Power Factor 0,8 No of Bearing SINGLE No of Poles 4 No of Leads 12 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 180	Origin		ITALY			
Power Factor 0,8	Model		MJB250MA4			
No of Bearing SINGLE	No of Phase	3				
No of Poles 4 No of Leads 12 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 180	Power Factor		0,8			
No of Leads	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 180	No of Poles	4				
Insulation Class Degree of Protection 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 S0 VAC 230 / 400 Rated Power (Standby)	No of Leads		12			
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 180	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 180	Insulation Class		Н			
Connection Type STAR Total Harmonic Content (No Load) < %2 Frequency Hz 50 Voltage Output VAC 230 / 400 Rated Power (Standby) kVA 180	Degree of Protection		IP 23			
Total Harmonic Content (No Load) < %2 Frequency Hz 50 Voltage Output VAC 230 / 400 Rated Power (Standby) kVA 180	Excitation System		AVR (Automatic Voltage Regulator), Brushless			
Frequency Hz 50 Voltage Output VAC 230 / 400 Rated Power (Standby) kVA 180	Connection Type		STAR			
Voltage Output VAC 230 / 400 Rated Power (Standby) kVA 180	Total Harmonic Content (No Load)		< %2			
Rated Power (Standby) kVA 180	Frequency	Hz	50			
	Voltage Output	VAC	230 / 400			
Efficiency 9/	Rated Power (Standby)	kVA	180			
52,9	Efficiency	%	92,9			

	W x L x H (mm)	Weight (kg)	Fuel Tank (It)	Noise dB(A)
Canopied	1037 x 3265 x 1700	1948	168	TBA
Open Skid	750 x 2520 x 1520	1528	144	TBA



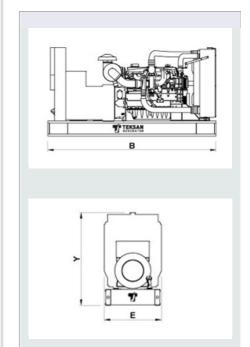


Standby Power

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.

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

TTD155PE5A0510-EN N/A: Not Applicable

