

TJ155PE

Diesel Generator Sets (50 Hz / 60 Hz)

Power Output Ratings		50 Hz / 400 V	60 Hz / 440 V
Standby Power (ESP)	kVA	155	170
	kW	124	136
Prime Power (PRP)	kVA	140	153
	kW	112	123

Manufacturer PERKINS Origin U.K. Model 1006TAG No of Cylinder / Configuration 6 - INLINE Displacement It 5,99 Bore / Stroke mm 100 / 127 Compression Ratio 17:1 Aspiration Aspiration Turbocharged and Air-to-Air Charged Cooled Governor Type ELECTRONIC Cooling System WATER Coolant Capacity It 19 Electrical System VDC 12 Speed / Frequency 1500 rpm / 50 Hz 1800 rpm / 60 Hz Engine Gross Power kWm 141 158,5 Town / 50 Hz 110 % 34,6 41,3 Town / 50 Hz 100 % 31,5 37,6 Fuel Consumption It/h 75 % 24,1 28,9 50 % 16,5 19,4 Exhaust Outlet Temperature °C 585 551 Exhaust Gas Flow m³/min 25,71 31,41	Engine				
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Compression Ratio	Displacement	lt	5,99		
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Cooling System WATER	Compression Ratio		17:1		
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Coolant Capacity It 37,22 Lubrication Oil Capacity It 19 Electrical System VDC 12 Speed / Frequency 1500 rpm / 50 Hz 1800 rpm / 60 Hz Engine Gross Power kWm 141 158,5 110 % 34,6 41,3 100 % 31,5 37,6 75 % 24,1 28,9 50 % 16,5 19,4 Exhaust Outlet Temperature °C 585 551	Governor Type		ELECTRONIC		
Lubrication Oil Capacity It 19 Electrical System VDC 12 Speed / Frequency 1500 rpm / 50 Hz 1800 rpm / 60 Hz Engine Gross Power kWm 141 158,5 110 % 34,6 41,3 100 % 31,5 37,6 75 % 24,1 28,9 50 % 16,5 19,4 Exhaust Outlet Temperature °C 585 551	Cooling System		WATER		
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Engine Gross Power kWm 141 158,5 Fuel Consumption 110 % 34,6 41,3 100 % 31,5 37,6 75 % 24,1 28,9 50 % 16,5 19,4 Exhaust Outlet Temperature °C 585 551	Electrical System	VDC	12		
Fuel Consumption It/h	Speed / Frequency		1500 rpm / 50 Hz	1800 rpm / 60 Hz	
Fuel Consumption It/h 100 % 31,5 37,6 75 % 24,1 28,9 50 % 16,5 19,4 Exhaust Outlet Temperature °C 585 551	Engine Gross Power	kWm	141	158,5	
Fuel Consumption It/h 75 % 24,1 28,9 50 % 16,5 19,4 Exhaust Outlet Temperature °C 585 551	Fuel Consumption It/h	110 %	34,6	41,3	
75 % 24,1 28,9 50 % 16,5 19,4 Exhaust Outlet Temperature °C 585 551		100 %	31,5	37,6	
Exhaust Outlet Temperature °C 585 551		75 %	24,1	28,9	
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Exhaust Gas Flow m³/min 25,71 31,41	Exhaust Outlet Temperature	°C	585	551	
	Exhaust Gas Flow	m³/min	25,71	31,41	
Combustion Air Flow m³/min 8,78 11,17	Combustion Air Flow	m³/min	8,78	11,17	
Cooling Air Flow m³/min 154 182	Cooling Air Flow	m³/min	154	182	

Alternator				
Manufacturer		MARELLI		
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)		± %0,5		
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	60	
Voltage Output	VAC	230 / 400	254 / 440	
Rated Power (Standby)	kVA	180	205	
Efficiency	%	92,9	92,4	

	WxLxH(mm)	Weight (kg)	Fuel Tank (It)	Noise (dBA)
Canopied	1037 × 3265 × 1700	1948	168	TBA
Open Skid	750 × 2400 × 1520	1528	144	TBA



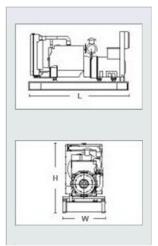


Standby Power

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.
- 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 Avaliable N/A: Not Applicable www.teksangenerator.com

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