

Power Output Ratings		50 Hz / 400 V		60 Hz / 440 V	
Standby Power (ESP)	kVA	46	56		
	kW	37	45		
Prime Power (PRP)	kVA	42	51		
	kW	34	41		

TBA

Engine					
Manufacturer		LOVOL			
Origin		CHINA			
Model		1003TG			
No of Cylinder / Configuration		3 - INLINE			
Displacement	lt	2,99			
Bore / Stroke	mm	100 / 127			
Compression Ratio		17,5:1			
Aspiration		Turbocharged			
Governor Type		MECHANIC			
Cooling System		WATER			
Coolant Capacity	lt	17			
Lubrication Oil Capacity	lt	8,6			
Electrical System	VDC	12			
Speed / Frequency		1500 rpm / 50 Hz	1800 rpm / 60 Hz		
Engine Gross Power	kWm	48	55		
Fuel Consumption	lt/h	110 %	8,9	10,1	
		100 %	8	8,8	
		75 %	7,5	8	
		50 %	4	4,6	
Exhaust Outlet Temperature	°C	580	550		
Exhaust Gas Flow	m³/min	6,8	8,7		
Combustion Air Flow	m³/min	3,5	5		
Cooling Air Flow	m³/min	80	110		



Standby Power

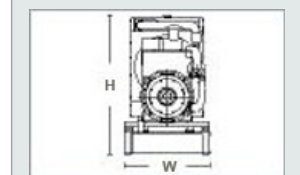
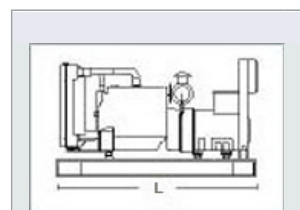
Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year under 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			
Origin		ITALY			
Model		MJB200SA4			
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	60		
Voltage Output	VAC	230 / 400	254 / 440		
Rated Power (Standby)	kVA	46	56		
Efficiency	%	88,5	88,9		

	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise (dBA)
Canopied	987 x 2265 x 1570	1131	90	TBA
Open Skid	750 x 1600 x 1170	830	90	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.
 - 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 Available N/A: Not Applicable TTD46PR0309-EN

