

Power Output Ratings		50 Hz / 400 V		60 Hz / 440 V	
Standby Power (ESP)	kVA	11	14		
	kW	9	11		
Prime Power (PRP)	kVA	10	12		
	kW	8	10		



Engine					
Manufacturer		MITSUBISHI			
Origin		JAPAN			
Model		S3L2-61SD			
No of Cylinder / Configuration		3 - INLINE			
Displacement		lt	1,318		
Bore / Stroke		mm	78 / 92		
Compression Ratio		22:1			
Aspiration		Naturally Aspirated			
Governor Type		MECHANIC			
Cooling System		WATER			
Coolant Capacity		lt	4,2		
Lubrication Oil Capacity		lt	3,7		
Electrical System		VDC	12		
Speed / Frequency			1500 rpm / 50 Hz	1800 rpm / 60 Hz	
Engine Gross Power		kWm	10,8	13,4	
Fuel Consumption	lt/h	110 %	3,3	4,16	
		100 %	3,1	4	
		75 %	2,5	3,2	
		50 %	2,1	2,5	
Exhaust Outlet Temperature		°C	400	400	
Exhaust Gas Flow		m³/min	2,19	2,63	
Combustion Air Flow		m³/min	0,82	0,98	
Cooling Air Flow		m³/min	TBA	TBA	

### Standby Power

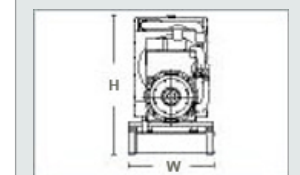
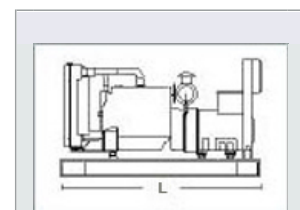
Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year under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

Alternator					
Manufacturer		SINCRO			
Origin		ITALY			
Model		FT4MDR			
No of Phase		3			
Power Factor		0,8			
No of Bearing		SINGLE			
No of Poles		4			
No of Leads		6			
Voltage Regulation ( Steady State)		± %2			
Insulation Class		H			
Degree of Protection		IP 23			
Excitation System		AVR (Automatic Voltage Regulator), Brushes			
Connection Type		STAR			
Total Harmonic Content (No Load)		< %3			
Frequency		Hz	50	60	
Voltage Output		VAC	230 / 400	254 / 440	
Rated Power (Standby)		kVA	13,9	18	
Efficiency		%	83	84	

	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise (dBA)
Canopied	730 x 2002 x 1200	530	39	TBA
Open Skid	700 x 1300 x 870	248	39	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

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