

Power Output Ratings		50 Hz / 400 V		60 Hz / 440 V	
Standby Power (ESP)	kVA	98	TBA		
	kW	79	TBA		
Prime Power (PRP)	kVA	90	TBA		
	kW	72	TBA		



Engine				
Manufacturer		SDEC		
Origin		CHINA		
Model		SC5D122D		
No of Cylinder / Configuration		4 - INLINE		
Displacement	lt	5,3		
Bore / Stroke	mm	114 / 130		
Compression Ratio		17,3:1		
Aspiration		Turbocharged		
Governor Type		ELECTRONIC		
Cooling System		WATER		
Coolant Capacity	lt	TBD		
Lubrication Oil Capacity	lt	17,5		
Electrical System	VDC	24		
Speed / Frequency		1500 rpm / 50 Hz	1800 rpm / 60 Hz	
Engine Gross Power	kWm	90	99	
Fuel Consumption	g/kWh	110 %	215	215
		100 %	215	215
		75 %	215	215
		50 %	215	215
Exhaust Outlet Temperature	°C	600	600	
Exhaust Gas Flow	m³/min	TBA	TBA	
Combustion Air Flow	m³/min	TBA	TBA	
Cooling Air Flow	m³/min	TBA	TBA	



### Standby Power

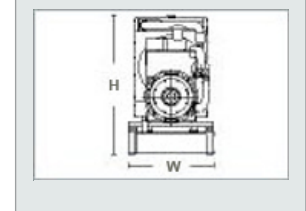
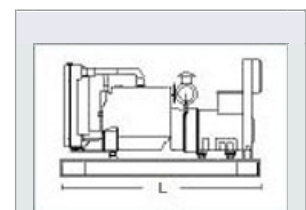
Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year under 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		MEGATON	
Origin		CHINA	
Model		MWL34528EA1	
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 22	
Excitation System		AVR (Automatic Voltage Regulator), Brushless	
Connection Type		STAR	
Total Harmonic Content (No Load)		< %4	
Frequency	Hz	50	60
Voltage Output	VAC	230 / 400	254 / 440
Rated Power (Standby)	kVA	116	TBA
Efficiency	%	87,4	0

	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise (dBA)
Canopied	1037 x 3265 x 1700	2100	168	TBA
Open Skid	750 x 2400 x 1620	1595	144	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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