

Power Output Ratings		50 Hz / 400 V		60 Hz / 440 V	
Standby Power (ESP)	kVA	182	TBA		
	kW	146	TBA		
Prime Power (PRP)	kVA	166	TBA		
	kW	133	TBA		



Engine			
Manufacturer		SDEC	
Origin		CHINA	
Model		SC8D220D	
No of Cylinder / Configuration		6 - INLINE	
Displacement	lt	8,27	
Bore / Stroke	mm	114 / 135	
Compression Ratio		18:1	
Aspiration		Turbocharged and Intercooled	
Governor Type		ELECTRONIC	
Cooling System		WATER	
Coolant Capacity	lt	18	
Lubrication Oil Capacity	lt	24	
Electrical System	VDC	24	
Speed / Frequency		1500 rpm / 50 Hz	1800 rpm / 60 Hz
Engine Gross Power	kWm	160	176
Fuel Consumption	g/kWh	110 %	210
		100 %	205
		75 %	205
		50 %	205
Exhaust Outlet Temperature	°C	550	550
Exhaust Gas Flow	m³/min	41,58	TBA
Combustion Air Flow	m³/min	15,12	TBA
Cooling Air Flow	m³/min	462	TBA



Standby Power

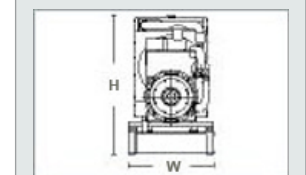
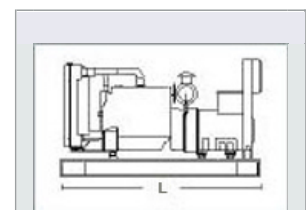
Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year under 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		MWL34529CA1	
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	182	TBA
Efficiency	%	91,1	0

	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise (dBA)
Canopied	1237 x 3919 x 2080	2437	375	TBA
Open Skid	950 x 2800 x 1700	1776	290	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

TTD185SD0508-EN

