

Power Output Ratings		50 Hz / 400 V		60 Hz / 440 V	
Standby Power (ESP)	kVA	706	764		
	kW	564	611		
Prime Power (PRP)	kVA	635	694		
	kW	508	555		



Engine			
Manufacturer		VOLVO	
Origin		SWEDEN	
Model		TWD1643GE	
No of Cylinder / Configuration		6 - INLINE	
Displacement		lt	16,12
Bore / Stroke		mm	144 / 165
Compression Ratio		16,5:1	
Aspiration		Turbocharged and Intercooled	
Governor Type		ELECTRONIC/EMSII	
Cooling System		WATER	
Coolant Capacity		lt	60
Lubrication Oil Capacity		lt	42
Electrical System		VDC	24
Speed / Frequency		1500 rpm / 50 Hz	1800 rpm / 60 Hz
Engine Gross Power		kWm	613 / 674
Fuel Consumption	g/kWh	110 %	199 / 202
		100 %	196 / 197
		75 %	201
		50 %	224
Exhaust Outlet Temperature		°C	463 / 461
Exhaust Gas Flow		m³/min	111,8 / 130,1
Combustion Air Flow		m³/min	46,96 / 54,85
Cooling Air Flow		m³/min	480 / 600



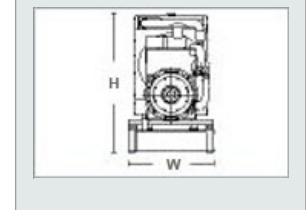
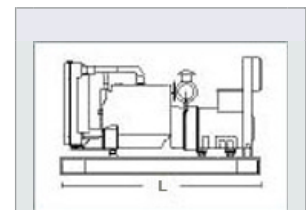
### Standby Power

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		MJB355MA4	
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	750 / 855
Efficiency		%	94,7 / 94,9



	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise (dBA)
Canopied	1687 x 5019 x 2600	5677	929	TBA
Open Skid	1400 x 3750 x 2020	4443	966	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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