



**INDUSTRIAL
ENGINES LTD**

MDG15 - 15 KW MITSUBISHI DIESEL GENERATOR



FEATURES:

- 110 LITER IN SKID FUEL TANK
- 15 KW STAND BY 12.5 KW PRIME
- DEEPSEA AUTO START PANEL



www.industrialengines.ca

MEMBER



IEL - MITSUBISHI - DIESEL GENERATOR - MODEL: MDG15

POWER RATINGS

Model Number	Voltage range	Phase	pf	Hz	Standby Power			Prime Power		
					kW	kVA	Amps	kW	kVA	Amps
MDG15	120/240	1	1	60	14	15	60	12.5	15	50
	120/208	3	0.8	60	14	15	50	12.5	15	45
	120/240	3	0.8	60	14	15	60	12.5	15	50
	277/480	3	0.8	60	14	15	22	12.5	15	20

ENGINE DATA

Basic Engine Data						Valve Train		Valve in head
Manufacturer		MITSUBISHI	S4L2G			Emissions		Tier 3
Naturally-aspirated		YES				EPA Certified		Yes
Cylinders		4				Engine Governor		Mechanical Governor
Displacement Liters		1.75				Steady regulation electronic		Hz no load to full load 0.5%
Bore (mm)		78				Cooling System		Water cooled radiator type
Stroke (mm)		92				Type of system		Pressurized
Cylinder head material		Cast Iron				Water pump		Sealed
Engine Electrical System		12 Volt				Type of fan		Pusher
Glow plugs		Yes				Fuel System		Diesel
Battery charge alternator		55 amp				Fuel		Diesel
Starter motor		12V				Recommended lead acid battery		Group 34 / 850 CCA
Ground polarity		Negative				Combustion		Compression Ignition
LOAD		100%	75%	50%				
FUEL CONSUMPTION L / HR.		3.5	2.5	1.7				

ALTERNATOR

Basic Alternator Data

Type	4 - pole	Coupling arrangement	Close
Rotor insulation	Class "H"	Load capacity (standby)	110%
Stator insulation	Class "H"	Load capacity (prime)	100%
Total harmonic factor	Less than 2%	Brushless	AVR
Telephone influence factor (TIF)	Less than 50	Volts change 100% load step	Under 3%(% sec)
Alternator cooling	Self ventilating	Voltage regulation	2% all loads to 100%
Bearings	Single	Temperature rise	125°C

MDG15 Series Dimensions and Weights

	Standard Dimension						Shipping dimensions					
	Open		Enclosed		Attenuated		Open		Enclosed		Attenuated	
	ins	cm	ins	cm	ins	cm	ins	cm	ins	cm	ins	cm
"H" height	48	122	*70	178	*70	178	48	122	*70	178	*70	178
"W" width	34	87	38	97	38	97	34	87	38	97	38	97
"L" length	**65	166	**65	166	**75	191	**65	166	**65	166	**75	191

* INCLUDES EXHAUST OUTLET (18 INCHES) TOTAL INCLUDED

** WITH ENVIRO SKID C/W FUEL TANK (110 LITERS)

01-Feb-12

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