



# turbo diesel GENERATOR

80kVA

“ Power Supply with Difference  
For All Your Power Needs ”



## AgriSon Australia

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# 80 kVA Turbo Diesel

## ALTERNATOR

<b>Model</b>	64KW
Poles	4 poles
Winding Connections	Star
Insulation	Class H
Enclosure	IP23
Exciter System	Self regulating brushless
Voltage Regulator	AVR
Steady State Voltage Regulation	+/- 1.0%
Bearing	Single bearing sealed
Coupling	Flexible disc
Cooling	Direct drive centrifugal blower fan



## ELECTRICAL

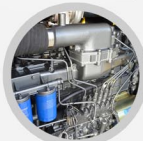
Frequency	VOLTAGE	PRIME	STANDBY
50HZ 3PHASE	415V/230V	80KVA/64KW	88KVA/70.4KW
Rated Speed		1500RPM - 50HZ	
Circuit Breaker		4 Poles	
Power Factor		0.8 - 3 Phase	

## WEIGHT AND DIMENSIONS CANOPY

Length	mm	2250(canopy)-1850(open)	(Subject to change)
Width	mm	1000(canopy)-800(open)	
Height	mm	1300(canopy)-1100(open)	Without notice
Wet Weight (Standard Build)	kg	1250(canopy)-1180(open)	
Dry Weight (Standard Build)	kg	1220(canopy)-1150(open)	
Sound pressure(LpA) – 7m	dB	70	

## ENGINE DATA

<b>DIESEL ENGINE MODEL</b>	4 Cylinder Turbo Diesel
Output Rating (kw)	56
Fuel	Diesel
Injection	In Line
Aspiration	Turbo Charger
Cylinder	4
Bore and Stroke (MM)	105 x 125
Displacement(L)	4.33
Cooling	Water Cooling
Engine Oil Specification	SAE 3/11.5
Compression Ratio	16:1
Engine Oil Capacity(L)	13
Governor	Mechanical
Air Filter	Dry Twin Stage



## CONTROL PANEL FEATURES

### ALARMS AND SHUTDOWN FUNCTIONS

High coolant temperature	S
Low oil pressure	S
Unexpected Shutdown	A
Battery charge alternator failure	A
Over speed	S
Failure to stop	A
Emergency stop	A
Alternator - high frequency	S



### EXHAUST SYSTEM

Maximum temperature	100% standby	400 °C
Exhaust flange size (internal diameter)		500 MM

### FUEL SYSTEM

Fuel Tank Capacity	8 HOURS (+Depending on Load)
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### STARTING SYSTEM

Starter Motor	12 KW
Battery Capacity	100 AH x 2
Auxiliary Voltage	24 Volt

### FUEL CONSUMPTION

100% Load Prime	LT/P/HR	13 L/HR
75% Load Prime	LT/P/HR	10.4 L/HR
50% Load Prime	LT/P/HR	6.8 L/HR
20% Load Prime	LT/P/HR	2.8 L/HR



**POWER CALCULATION MADE EASY 1,2,3**

WORK OUT WHICH GENERATOR YOU NEED

**CALCULATE >> PLAN >> PURCHASE**

[www.generatorcalculator.com.au](http://www.generatorcalculator.com.au)



# KEY FEATURES

Industrial waterproof canopy & silencer

4 Pole Controller with AVR alternators

ALTERNATOR 4 Pole Brushless



Fuel Tank Large Capacity

IP66 industrial sockets and plugs

DEEP SEA controller systems 6-Series electrical control system easy to operate and maintain.



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