

15KVA

“ Power Supply with Difference
For All Your Power Needs ”



Agrison Australia

2098-2108 Hume Highway, Campbellfield VIC 3061

PO BOX 352 Somerton VIC 3062

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www.agrison.com.au

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15 kVA

ALTERNATOR

Model	12KW
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

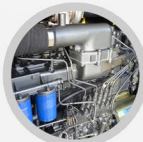
Frequency	VOLTAGE	PRIME	STANDBY
50HZ 3PHASE	415V/240V	15KVA/12KW	16.5KVA/13.2KW
Rated Speed		1500RPM - 50HZ	
Circuit Breaker		4 Poles	
Power Factor		0.8 - 3 Phase	
Current (A)		20.9	

WEIGHT AND DIMENSIONS CANOPY

Length	mm	2080
Width	mm	800
Height	mm	1120
Wet Weight (Standard Build)	kg	680
Dry Weight (Standard Build)	kg	750

ENGINE DATA

DIESEL ENGINE MODEL	4 Cylinder Turbo Diesel
Output Rating (kw)	14
Fuel	Diesel
Injection	In Line
Aspiration	Naturally Aspirated
Cylinder	4
Bore and Stroke (MM)	80 x 90
Displacement	1.809
Cooling	Water Cooling
Engine Oil Specification	SAE 3/11.5
Compression Ratio	T.B.A
Engine Oil Capacity	13 L
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)	670 MM

FUEL SYSTEM

Fuel Tank Capacity	8-12 HOURS on variable load
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STARTING SYSTEM

Starter Motor	12 KW
Battery Capacity	100 AH
Auxiliary Voltage	12 Volt

FUEL CONSUMPTION

100% Load Prime	3.2 L/HR
75% Load Prime	2.4 L/HR
50% Load Prime	1.6 L/HR



POWER CALCULATION MADE EASY 1,2,3

WORK OUT WHICH GENERATOR YOU NEED

CALCULATE >> PLAN >> PURCHASE

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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