

# EAGENSET

## ALTERNATOR SPECIFICATIONS

Alternator brand	Megatron
Type	Brushless, revolving field
Frequency	50 Hz
Winding pitch	2/3 pitch
Number of bearing	Single bearing
Protection	IP23
Insulation system	Class H
Standard temperature rise	Standart 125°C, Stand by 163°C
Exciter type	Self - excitation or other excitation by PMG
Phase rotation	A (U), B (V), C (W)
Alternator cooling	Direct drive centrifugal blower fan
AC waveform total harmonic distortion (THDV)	No load <1.5%. Non distorting balanced linear load <5%

## DIMENSIONS AND WEIGHTS

Open type: Dry Weight (kg): 880  
Length(mm) Width (mm) Height (mm):2100x900x1650 Tank Capacity (L): 136

Canopy type: Dry Weight (kg): 1080  
Length(mm) Width (mm) Height (mm):2500x900x1800 Tank Capacity (L): 136

Manufacturer reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.

## EAO-73 DIESEL GENERATOR SET

**Stand by Rating (ESP):** It is the way that generators operate under variable load at certain time intervals. It can work as a backup power. It is not suitable to work under extreme load.

**Prime Rating (PRP):** Applicable for supplying power to varying electrical load for unlimited hours. 10 % overload capability is available for a period of operation

## OUTPUT RATINGS

Genset Model	EAO-73
Engine Model	OPE 4.3 TWE-B
Prime rating	54,9 kVA
Stand by rating	63,1 kVA
Max. kVA rating	73 kVA

## ENGINE SPECIFICATIONS

Engine brand	Optimus Engine
Aspiration Type	Turbocharged
Engine Rated Speed	1500 rpm
Bore	105 mm
Stroke	115 mm
Displacement	3.98 L
Cylinder block	4 cylinder, vertical
Oil Capacity	13 L
Coolant capacity	17 L
Starting voltage	12 V
Fuel system	Direct injection
Fuel filter	Strata pore fuel filter
Air cleaner type	Heavy duty air cleaner
Compression ratio	17:1
Cycle	4 stroke
Cooling system	Water cooled
Governor Type	Mechanical
Fuel Consumption 50%	7,5 L/hr
Fuel Consumption 75%	11,2 L/hr
Fuel Consumption 100%	16,0 L/hr
Fuel Consumption 110%	17,5 L/hr



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