

# 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): 940  
Length(mm) Width (mm) Height (mm): 2000x900x1700 Tank Capacity (L): 126,4

Canopy type: Dry Weight (kg): 1080  
Length(mm) Width (mm) Height (mm): 2250x900x1800 Tank Capacity (L): 126,4

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



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## EAD-83 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	EAD-83
Engine Model	DE4.1ZXE1
Prime rating	62,4 kVA
Stand by rating	71,7 kVA
Max. kVA rating	83 kVA

## ENGINE SPECIFICATIONS

Engine brand	Detroit Engine
Aspiration Type	Natural
Engine Rated Speed	1500 rpm
Bore	105 mm
Stroke	118 mm
Displacement	4.1 L
Cylinder block	4 cylinder, vertical
Oil Capacity	6,5 L
Coolant capacity	8,54 L
Starting voltage	12 or 24 V
Fuel system	Direct injection
Fuel filter	Strata pore fuel filter
Air cleaner type	Heavy duty air cleaner
Compression ratio	18:1
Cycle	4 stroke
Cooling system	Water cooled
Governor Type	Mechanical
Fuel Consumption 25%	4,9 L/hr
Fuel Consumption 50%	8,3 L/hr
Fuel Consumption 75%	12 L/hr
Fuel Consumption 100%	13,8 L/hr