

# 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): 2630  
Length(mm) Width (mm) Height (mm): 3000x1100x2020 Tank Capacity (L): 240

Canopy type: Dry Weight (kg): 2960  
Length(mm) Width (mm) Height (mm): 3350x1100x2120 Tank Capacity (L): 240

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

## EAD-300 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-300
Engine Model	DDE 9.7 YTO1
Prime rating	227 kVA
Stand by rating	261 kVA
Max. kVA rating	300 kVA

## ENGINE SPECIFICATIONS

Engine brand	Detroit Engine
Aspiration Type	Turbocharged
Engine Rated Speed	1500 rpm
Bore	126 mm
Stroke	130 mm
Displacement	9.726 L
Cylinder block	6 cylinder, vertical
Oil Capacity	24 L
Coolant capacity	23 L
Starting voltage	24 V
Fuel system	Direct injection
Fuel filter	Strata pore fuel filter
Air cleaner type	Heavy duty air cleaner
Compression ratio	16,5:1
Cycle	4 stroke
Cooling system	Water cooled
Governor Type	Electronic
Fuel Consumption 50%	23,8 L/hr
Fuel Consumption 75%	35,7 L/hr
Fuel Consumption 100%	47,7 L/hr



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