

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): 1050
Length(mm) Width (mm) Height (mm): 2100x900x1700 Tank Capacity (L): 136

Canopy type: Dry Weight (kg): 1280
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.

EAD-100 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-100
Engine Model	DE4.1ZXE3
Prime rating	79 kVA
Stand by rating	87 kVA
Max. kVA rating	100 kVA

ENGINE SPECIFICATIONS

Engine brand	Detroit Engine
Aspiration Type	Turbocharged
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
Cycle	4 stroke
Cooling system	Water cooled
Governor Type	Mechanical
Fuel Consumption 25%	4,6 L/hr
Fuel Consumption 50%	8,3 L/hr
Fuel Consumption 75%	12,2 L/hr
Fuel Consumption 100%	18,4 L/hr



Info@eagenset.com



[eagensetenerji](https://twitter.com/eagensetenerji)



+905052321982



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