

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): 1400
Length(mm) Width (mm) Height (mm): 2750x1050x1750 Tank Capacity (L): 184,8

Canopy type: Dry Weight (kg): 1600
Length(mm) Width (mm) Height (mm): 2900x1050x1850 Tank Capacity (L): 184,8

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



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EAD-160 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-160
Engine Model	DDE 4.8 YTOCR
Prime rating	120 kVA
Stand by rating	139 kVA
Max. kVA rating	160 kVA

ENGINE SPECIFICATIONS

Engine brand	Detroit Engine
Aspiration Type	Turbocharged
Engine Rated Speed	1500 rpm
Bore	110 mm
Stroke	125 mm
Displacement	4.75 L
Cylinder block	4 cylinder, vertical
Oil Capacity	14 L
Coolant capacity	6 L
Starting voltage	24 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	Electronic
Fuel Consumption 50%	11,52 L/hr
Fuel Consumption 75%	17,45 L/hr
Fuel Consumption 100%	25,22 L/hr