

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): 3500
Length(mm) Width (mm) Height (mm): 4000x1600x2500 Tank Capacity (L): 1100

Canopy type: Dry Weight (kg): 3900
Length(mm) Width (mm) Height (mm): 4300x1650x3000 Tank Capacity (L): 1100

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



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EAD-575 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-575
Engine Model	DDE 11.5 YTO2
Prime rating	435 kVA
Stand by rating	506 kVA
Max. kVA rating	575 kVA

ENGINE SPECIFICATIONS

Engine brand	Detroit Engine
Aspiration Type	Turbocharged
Engine Rated Speed	1500 rpm
Bore	126 mm
Stroke	130 mm
Displacement	11.54 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	17:1
Cycle	4 stroke
Cooling system	Water cooled
Governor Type	Electronic
Fuel Consumption 50%	32,8 L/hr
Fuel Consumption 75%	49,2 L/hr
Fuel Consumption 100%	65,6 L/hr