

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): 3300
Length(mm) Width (mm) Height (mm):4000x1400x2500 Tank Capacity (L): 835

Canopy type: Dry Weight (kg): 3800
Length(mm) Width (mm) Height (mm):4000x1400x2700 Tank Capacity (L): 835

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

EAB-500 DIESEL GENERATOR SET

Stand by Rating (ESP): It is the way that generators operate under variable load at certaintime 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	EAB-500
Engine Model	6M21G500/5
Prime rating	455 kVA
Stand by rating	500 kVA

ENGINE SPECIFICATIONS

Engine brand	Baudouin Engine
Aspiration Type	Turbocharged
Engine Rated Speed	1500 rpm
Bore	127 mm
Stroke	165 mm
Displacement	12.54 L
Cylinder block	6 cylinder
Oil Capacity	27/30 L
Coolant capacity for engine / Radiator	25 / 20 L
Starting voltage	24 V
Fuel system	Direct injection
Fuel filter	Strata pore fuel filter
Air cleaner type	Heavy duty air cleaner
Compression ratio	16:1
Cycle	4 stroke
Cooling system	Liquid water
Governor Type	Electronic
Fuel Consumption 25%	25.4 L/hr
Fuel Consumption 50%	46,2 L/hr
Fuel Consumption 75%	67.5 L/hr
FuelConsumption 100%	90.5 L/hr
Fuel Consumption 100%	99.8 L/hr



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