

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): 750
Length(mm) Width (mm) Height (mm): 2000x900x1550 Tank Capacity (L): 126,4

Canopy type: Dry Weight (kg): 980
Length(mm) Width (mm) Height (mm): 2250x900x1650 Tank Capacity (L): 126,4

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

EAO-50 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	EAO-50
Engine Model	OPE 3.6 TWE
Prime rating	37,8 kVA
Stand by rating	43,5 kVA
Max. kVA rating	50 kVA

ENGINE SPECIFICATIONS

Engine brand	Optimus Engine
Aspiration Type	Turbocharged
Engine Rated Speed	1500 rpm
Bore	100 mm
Stroke	115 mm
Displacement	3.61 L
Cylinder block	4 cylinder, vertical
Oil Capacity	13 L
Coolant capacity	17 L
Starting voltage	12 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	Mechanical
Fuel Consumption 50%	4,9 L/hr
Fuel Consumption 75%	8,0 L/hr
Fuel Consumption 100%	10,2 L/hr
Fuel Consumption 110%	11,5 L/hr



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