

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): 2700
Length(mm) Width (mm) Height (mm): 3000x1200x2100 Tank Capacity (L): 320

Canopy type: Dry Weight (kg): 3000
Length(mm) Width (mm) Height (mm): 3500x1200x2500 Tank Capacity (L): 320

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

EAO-450 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-450
Engine Model	OPE 9.8 TWE-2
Prime rating	340 kVA
Stand by rating	391 kVA
Max. kVA rating	450 kVA

ENGINE SPECIFICATIONS

Engine brand	Optimus Engine
Aspiration Type	Turbocharged
Engine Rated Speed	1500 rpm
Bore	135 mm
Stroke	150 mm
Displacement	9,8 L
Cylinder block	6 cylinder, vertical
Oil Capacity	22 L
Coolant capacity	60 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	Water cooled
Governor Type	Mechanical
Fuel Consumption 50%	44,55 L/hr
Fuel Consumption 75%	66,83 L/hr
Fuel Consumption 100%	89,1 L/hr
Fuel Consumption 110%	98,0 L/hr



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