

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):3150x1200x2300 Tank Capacity (L): 240

Canopy type: Dry Weight (kg): 3000
Length(mm) Width (mm) Height (mm):3450x1200x2500 Tank Capacity (L): 240

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

EAO-475 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	EAO-475
Engine Model	OPE 12.9K4
Prime rating	359 kVA
Stand by rating	413 kVA
Max. kVA rating	475 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	33 L
Coolant capacity	46 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%	45 L/hr
Fuel Consumption 75%	67 L/hr
Fuel Consumption 100%	90 L/hr
FuelConsumption 110%	99 L/hr



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