

EAGENSET

ALTERNATOR SPECIFICATIONS

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|--|--|
| 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): 1230
Length(mm) Width (mm) Height (mm):2500x1000x1800 Tank Capacity (L): 184,8

Canopy type: Dry Weight (kg): 1550
Length(mm) Width (mm) Height (mm):2900x1000x1900 Tank Capacity (L): 184,8

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



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EAO-135 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-135 |
| Engine Model | OPE 6.8 TWE-2 |
| Prime rating | 102 kVA |
| Stand by rating | 118 kVA |
| Max. kVA rating | 135 kVA |

ENGINE SPECIFICATIONS

| | |
|-----------------------|-------------------------|
| Engine brand | Optimus Engine |
| Aspiration Type | Turbocharged |
| Engine Rated Speed | 1500 rpm |
| Bore | 105 mm |
| Stroke | 125 mm |
| Displacement | 6.49 L |
| Cylinder block | 6 cylinder, vertical |
| Oil Capacity | 15 L |
| Coolant capacity | 25 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% | 12 L/hr |
| Fuel Consumption 75% | 18,5 L/hr |
| Fuel Consumption 100% | 24 L/hr |
| Fuel Consumption 110% | 26 L/hr |