

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): 750
Length(mm) Width (mm) Height (mm):1800x900x1250 Tank Capacity (L): 112

Canopy type: Dry Weight (kg): 860
Length(mm) Width (mm) Height (mm):2050x900x1550 Tank Capacity (L): 112

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

EAO-38 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-38 |
| Engine Model | OPE 3.6 WE2 |
| Prime rating | 28,7 kVA |
| Stand by rating | 33 kVA |
| Max. kVA rating | 38 kVA |

ENGINE SPECIFICATIONS

| | |
|-----------------------|-------------------------|
| Engine brand | Optimus Engine |
| Aspiration Type | Natural |
| 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 25% | 2,31 L/hr |
| Fuel Consumption 50% | 4,61 L/hr |
| Fuel Consumption 75% | 6,92 L/hr |
| Fuel Consumption 100% | 9,23 L/hr |



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