

# 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%.<br>Non distorting balanced linear load <5% |

## DIMENSIONS AND WEIGHTS

Open type: Dry Weight (kg): 520  
Length(mm) Width (mm) Height (mm):1600x800x1350 Tank Capacity (L): 70

Canopy type: Dry Weight (kg): 640  
Length(mm) Width (mm) Height (mm):1900x800x1350 Tank Capacity (L): 70

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

## EAB-25 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    | EAB-25    |
| Engine Model    | 4M06G25/5 |
| Prime rating    | 23 kVA    |
| Stand by rating | 25 kVA    |

## ENGINE SPECIFICATIONS

|  |                         |
|--|-------------------------|
| Engine brand                           | Baudouin Engine         |
| Aspiration Type                        | Turbocharged            |
| Engine Rated Speed                     | 1500 rpm                |
| Bore                                   | 89 mm                   |
| Stroke                                 | 92 mm                   |
| Displacement                           | 2,3 L                   |
| Cylinder block                         | 4 cylinder              |
| Oil Capacity                           | 7.1 L                   |
| Coolant capacity for engine / Radiator | 5 / 3,6 L               |
| Starting voltage                       | 12 V                    |
| Fuel system                            | Direct injection        |
| Fuel filter                            | Strata pore fuel filter |
| Air cleaner type                       | Heavy duty air cleaner  |
| Compression ratio                      | 17.5 : 1                |
| Cycle                                  | 4 stroke                |
| Cooling system                         | Liquid                  |
| Governor Type                          | Electronic              |
| Fuel Consumption 25%                   | 2,0 L/hr                |
| Fuel Consumption 50%                   | 3,2 L/hr                |
| Fuel Consumption 75%                   | 4,5 L/hr                |
| FuelConsumption 100%                   | 6,1 L/hr                |
| Fuel Consumption 100%                  | 7,1 L/hr                |



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