

EAGENSET

ALTERNATOR

| | |
|------------------------------|-------------|
| Frequency | 50 Hz |
| Power | 825 kVA |
| Voltage | 230 / 400 V |
| Nb of Phases | 3 |
| Aut. Voltage Regulator (AVR) | AS440 |
| Voltage Regulation | ±1% |
| Insulation Class | H |
| Protection Standard | IP22-IP23 |
| Power Factor | 0.8 Cos |

ENGINE

- PERKINS heavy duty diesel engine
- 12V / 24V starter and charge alternator
- Replaceable air, fuel and oil filters
- Mechanical governor control
- Tropical type radiator
- Flexible fuel hose
- Oil drain valve and extension hose
- Industrial type silencer and steel compensator
- Maintenance-free starter battery
- Water jacket heater
- 1500 rpm engine speed

DIMENSIONS & WEIGHT

WITH CANOPY: Length L(mm) Width W (mm) Height H (mm): 5500x2000x3000
Weight (Kg): 7100 Fuel Tank Capacity (L): 1200

OPEN TYPE: Length L(mm) Width W (mm) Height H (mm): 5500x2000x3000
Weight (Kg): 5800 Fuel Tank Capacity (L): 1250

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

EAP-780 DIESEL GENERATOR SET

1) Standby power: The max power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage. Overloading isn't permissible.

2) Prime Power: The maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load. Average load should be 70%. The generator can be overloaded 10% for 1 hour per 12 hrs.

GENERAL SPECIFICATIONS

| | |
|-----------------|------------------|
| Stand By Power: | 780 kVA – 624 kW |
| Prime Power | 709 kVA - 567 kW |
| Frequency | 50 Hz |
| Cooling System | Water Cooling |

ENGINE

| | |
|----------------------------|---|
| Engine | PERKINS |
| Engine Model | 2806A- E18TTAG4 |
| Number of Cylinders | 6 Inline |
| Injection System | Direct |
| Compression Ratio | 14:01 |
| Bore | 145 mm |
| Stroke | 183 mm |
| Displacement | 18,1 lt |
| Air Intake | Turbocharged & air-to-air charge cooled |
| Speed (RPM) | 1500 rpm |
| Oil Capacity | 72 lt |
| Standby Power | 685 / 919 kW / hp |
| Prime Power | 623 / 835 kW / hp |
| Fuel Type | Euro Diesel |
| Governor System | Electronic |
| Cooling System | Water Cooling |
| Coolant Capacity | 110 lt |
| Fuel Consumption Full Load | 147 (lt / hr) |
| Fuel Consumption %75 Load | 109 (lt / hr) |
| Fuel Consumption %50 Load | 75 (lt / hr) |



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