

EAGENSET

ALTERNATOR

| | |
|------------------------------|-------------|
| Frequency | 50 Hz |
| Power | 440 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

- CUMMINS 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: Weight (Kg): 3765
Length L(mm) Width W (mm) Height H (mm): 4000x1500x2200 Fuel Tank Capacity (L): 630

OPEN TYPE: Weight (Kg): 3290 Length L(mm) Width W (mm) Height H (mm): 3300x1500x2100 Fuel Tank Capacity (L): 630

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

EAC-440 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: | 440 kVA – 352 kW |
| Prime Power | 400 kVA – 320 kW |
| Frequency | 50 Hz |
| Cooling System | Water Cooling |

ENGINE

| | |
|----------------------------|-------------------|
| Engine | CUMMINS |
| Engine Model | NTAA855-G7A |
| Number of Cylinders | 6 Inline |
| Injection System | Direct |
| Compression Ratio | 14 : 1 |
| Bore | 140 mm |
| Stroke | 152 mm |
| Displacement | 14 lt |
| Air Intake | Turbo Aftercooler |
| Speed (RPM) | 1500 rpm |
| Oil Capacity | 38.6 lt |
| Standby Power | 407 / 545 kW / hp |
| Prime Power | 370 / 500 kW / hp |
| Fuel Type | Euro Diesel |
| Governor System | Electronic |
| Cooling System | Water Cooling |
| Coolant Capacity | 60 lt |
| Fuel Consumption Full Load | 89.2 (lt / hr) |
| Fuel Consumption %75 Load | 67.8 (lt / hr) |
| Fuel Consumption %50 Load | 47.5 (lt / hr) |



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