

# EAGENSET

## ALTERNATOR

Frequency	50 Hz
Power	44 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): 1050  
Length L(mm) Width W (mm) Height H (mm): 2300x950x1400 Fuel Tank Capacity (L): 140

**OPEN TYPE:** Weight (Kg): 890 Length L(mm) Width W (mm) Height H (mm): 1900x950x1400 Fuel Tank Capacity (L): 140

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

## EAC-44 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:	44 kVA – 35.2 kW
Prime Power	40 kVA - 32 kW
Frequency	50 Hz
Cooling System	Water Cooling

## ENGINE

Engine	CUMMINS
Engine Model	4BT3.9-G1
Number of Cylinders	4 Inline
Injection System	Direct
Compression Ratio	17.3 : 1
Bore	102 mm
Stroke	120 mm
Displacement	3.9 lt
Air Intake	Turbo
Speed (RPM)	1500 rpm
Oil Capacity	10,9 lt
Standby Power	40 / 54 kW / hp
Prime Power	36 / 48 kW / hp
Fuel Type	Euro Diesel
Governor System	Mechanical
Cooling System	Water Cooling
Coolant Capacity	8.3 lt
Fuel Consumption Full Load	10 (lt / hr)
Fuel Consumption %75 Load	7.9 (lt / hr)
Fuel Consumption %50 Load	5.9 (lt / hr)



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