

# EAGENSET

## ALTERNATOR

Frequency	50 Hz
Power	690 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): 5000x1700x2800  
Weight (Kg): 5400 Fuel Tank Capacity (L): 1000

OPEN TYPE: Length L(mm) Width W (mm) Height H (mm): 5000x1700x2800  
Weight (Kg): 4670 Fuel Tank Capacity (L): 1000

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

## EAP-700 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:	700 kVA – 560 kW
Prime Power	636 kVA - 509 kW
Frequency	50 Hz
Cooling System	Water Cooling

## ENGINE

Engine	PERKINS
Engine Model	2806A- E18TAG2
Number of Cylinders	6 Inline
Injection System	Direct
Compression Ratio	14.5 : 1
Bore	145 mm
Stroke	183 mm
Displacement	18,1 lt
Air Intake	Turbocharged & air-to-air charge cooled
Speed (RPM)	1500 rpm
Oil Capacity	62 lt
Standby Power	609 / 817 kW / hp
Prime Power	553 / 741 kW / hp
Fuel Type	Euro Diesel
Governor System	Electronic
Cooling System	Water Cooling
Coolant Capacity	61 lt
Fuel Consumption Full Load	132 (lt / hr)
Fuel Consumption %75 Load	97 (lt / hr)
Fuel Consumption %50 Load	66 (lt / hr)



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