

EAGENSET

ALTERNATOR

Frequency	50 Hz
Power	495 kVA
Voltage	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):5000x1600x2600
Weight (Kg): 4600 FuelTank Capacity (L): 1200

OPEN TYPE: Length L(mm) Width W (mm) Height H (mm):4500x1600x2500
Weight (Kg): 3960 FuelTank Capacity (L): 1200

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

EAP-500 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:	500 kVA – 400 kW
Prime Power	454 kVA - 363 kW
Frequency	50 Hz
Cooling System	Water Cooling

ENGINE

Engine	PERKINS
Engine Model	2506A- E15TAG1
Number of Cylinders	6 Inline
Injection System	Direct
Compression Ratio	16 : 01
Bore	137 mm
Stroke	171 mm
Displacement	15,5 lt
Air Intake	Turbo Intercooler
Speed (RPM)	1500 rpm
Oil Capacity	62 lt
Standby Power	434 / 590 kW / hp
Prime Power	395 / 537 kW / hp
Fuel Type	Euro Diesel
Governor System	Electronic
Cooling System	Water Cooling
Coolant Capacity	58 lt
Fuel Consumption Full Load	95 (lt / hr)
Fuel Consumption %75 Load	72 (lt / hr)
Fuel Consumption %50 Load	50 (lt / hr)



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