

EAGENSET

ALTERNATOR

Frequency	50 Hz
Power	220 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): 3500x1200x1850
Weight (Kg): 2270 Fuel Tank Capacity (L): 360

OPEN TYPE: Length L(mm) Width W (mm) Height H (mm): 2900x1200x1750
Weight (Kg): 1940 Fuel Tank Capacity (L): 360

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

EAP-220 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:	220 kVA – 176 kW
Prime Power	200 kVA - 160 kW
Frequency	50 Hz
Cooling System	Water Cooling

ENGINE

Engine	PERKINS
Engine Model	1106A-70TAG4
Number of Cylinders	6 Inline
Injection System	Direct
Compression Ratio	16 : 01
Bore	105 mm
Stroke	135 mm
Displacement	7.01 lt
Air Intake	Turbo Aftercooler
Speed (RPM)	1500 rpm
Oil Capacity	18 lt
Standby Power	196.3 / 265 kW / hp
Prime Power	178.9 / 242 kW / hp
Fuel Type	Euro Diesel
Governor System	Electronic
Cooling System	Water Cooling
Coolant Capacity	22 lt
Fuel Consumption Full Load	45.8 (lt / hr)
Fuel Consumption %75 Load	34.7 (lt / hr)
Fuel Consumption %50 Load	23.1 (lt / hr)



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