

EAGENSET

ALTERNATOR PROPERTIES

Output Voltage	230 / 400 V
Frequency	50 Hz
Automatic Voltage Regulation	0,5 +/-%
Phase	3
Pole	4
Overload	1 Hour %110
Voltage Regulation	+-%1
Power Factor	0,8 Cos
Warning System	Self Alert
AVR Model	Sx460
Total Harmonic Losing	<_3%.
Connection Type	Star
Protection Class	IP 23
Isolation Class	H

CONTROL SYSTEM

Generator control panels are durable panels that are easy to use, can be updated with secure software, and are durable for a long time. It can be remotely controlled with ETHERNET and GPRS optionally. The panel body is made of steel sheet and painted with electrostatic powder paint. Electronics have an isolated and waterproof design.

CONTROL SYSTEM PROPERTIES

LCD Screen Automatic Control System
Remote monitoring possibility
Multifunctional business opportunity
Multi language support
Programmable over USB, RS-232 and GSM

DIMENSIONS AND WEIGHTS

Canopied: Length(mm) L Width (mm) W Height (mm) H: 3680x1200x2000 Weight (kg): TBA Fuel Capacity (L): 365

Open Set: Length(mm) L Width (mm) W Height (mm) H: 2770x1100xTBA Weight (kg): TBA Fuel Capacity (L): 365

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

EAD-225 DIESEL GENERATOR SET

Standby Power: The maximum 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 or under test conditions for up to 200 hrs of operation per year under average of 70% load. Overloading is not permissible.

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.

Continuous Power: The maximum power which a generating set is capable of delivering continuously whilst supplying a constant electrical load. Average load can be 100%. The generator must not be overloaded.

OUTPUT RATINGS

Standby Power	225 kVA – 180 kW
Prime Power	204 kVA – 163 kW
Engine Speed	1500 rpm
Standart Voltage	400 / 230 V
Power Factor	0,8 Cos

ENGINE PROPERTIES

Brand	DOOSAN
Model	P086TI
Standby	199 kW
Prime	177 kW
Cylinder Displacement	8 lt
Number of Cylinders / Type	6 / In Line
Bore x Stroke	111x139 mmxmm
Compression Ratio	16,4:1
Governor Type	Electronic
Aspiration	Turbocharged
Injection Type	Direct Injection
Cooling System	Liquid Cooled
Fuel Consumption 100%	43,1 lt/hr
Fuel Consumption 75%	31,7 lt/hr
Fuel Consumption 50%	21,1 lt/hr
Oil Capacity	15,5 lt
Cooling Liquid Capacity	44 lt
Battery Voltage	24 V
Battery Capacity	2x72 A

CANOPY

Generator chassis are manufactured from steel with a special modular design. The tank is mounted on the chassis. Engine alternator radiator connections are made with vibration wedges and vibration is minimized. Special chassis and fuel tank designs can be made in line with the demands.

CANOPY PROPERTIES

-Emergency Stop Button -Transparent Control Window -Exhaust Silencer
-Special Sound Insulation -Electrostatic Powder Paint Resistant to Corrosion and Rusting



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