

INTRODUCTION

Our power generation system, providing optimum performance, and reliability, for stationary standby, prime power, and continuous duty applications. All generator sets are factory build, and production tested.

Power (kVA)

3 Phase, 50 Hz, PF 0.8

VOLTAGE	STANDBY RATING (ESP)		PRIME RATING (PRP)		Standby Ampere
	kW	kVA	kW	kVA	
400/231	220,00	275,00	200,00	250,00	396,94

STANDBY RATING (ESP) Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source. ESP is in accordance with ISO 8528. Overload is not allowed.

PRIME RATING (PRP) Applicable for supplying power to varying electrical load for unlimited hours. PRP is in accordance with ISO 8528. 10 % overload capability is available for a period of 1 hour within 12-hour period of operation in accordance with ISO 3046.

General Characteristics

Model Name	DPX-15712
Frequency (Hz)	50
Fuel Type	Diesel
Engine Made and Model	PERKINS 1206-E70TTAG
Alternator Made and Model	Mecc alte eco38 2m4
Control Panel Model	7320
Canopy	MS 60

ENGINE SPECIFICATIONS

Engine	PERKINS
Engine Model	1506A-E88TAG3
Number of Cylinder (L)	6 cylinders - in line
Bore (mm.)	105
Stroke (mm.)	135
Displacement (lt.)	7.0
Aspiration	Twin Turbo Charged and After Cooled
Compression Ratio	15.8:1
RPM (d/dk)	1500

Oil Capacity (Total With Filter) (lt)	41
Standby Power (kW/HP)	248,6/333,2
Prime Power (kW/HP)	226,2/303,2
Block Heater QTY	1
Block Heater Power (Watt)	3000
Fuel Type	Diesel
Injection Type and System	Direct
Type of Fuel Pump	HEUI
Governor System	ECM
Operating Voltage (Vdc)	24 Vdc
Battery and Capacity (Qty/Ah)	2x85
Charge Alternator (A)	45
Cooling Method	Water Cooled
Cooling Fan Air Flow (m3/min)	370
Coolant Capacity (engine only / with radiator) (lt)	/29.6
Air Filter	Dry Type
Fuel Cons. Prime With %100 Load (lt/hr)	56.9
Fuel Cons. Prime With %75 Load (lt/hr)	41.6
Fuel Cons. Prime With %50 Load (lt/hr)	28.1

ALTERNATOR CHARACTERISTICS

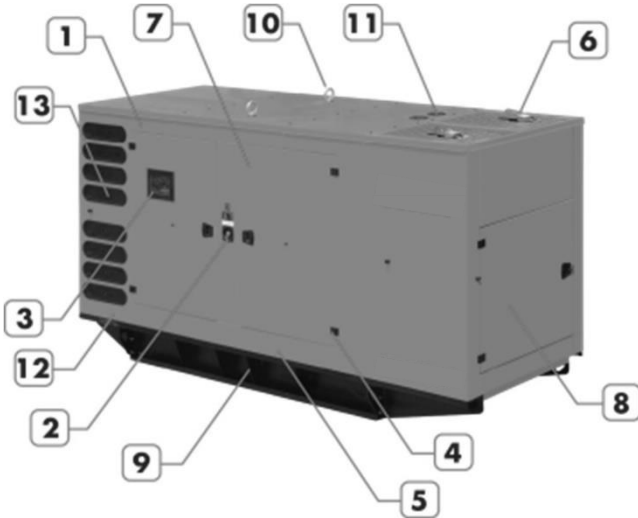
Manufacturer	Mecc alte
Alternator Made and Model	Eco38 2m4
Frequency (Hz)	50
Power (kVA)	275
VOLTAGE (V)	400
Phase	3
A.V.R.	
Voltage Regulation	(+/-)400/250%
Insulation System	H
Protection	IP 23
Rated Power Factor	0.8
WEIGHT WOUND ROTOR (Kg)	.6
COOLING AIR (m³/min)	

Open Gen.Set Dimensions (mm)

LENGHT	2750
WIDTH	1300
HEIGHT	1772
DRY WEIGHT (kg.)	2165
TANK CAPACITY (lt.)	470

Gen.Set Canopy Dimensions (mm)

LENGHT	3960
WIDTH	1356
HEIGHT	2167
DRY WEIGHT (kg.)	3180
TANK CAPACITY (lt.)	470



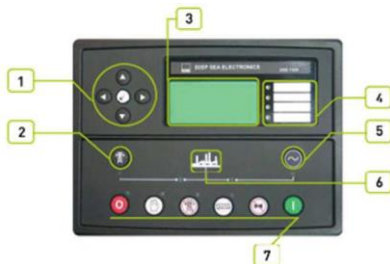
1. Steel structures.
2. Emergency stop push button.
3. Control panel is mounted on the base frame . Located at the right side of the generator set.
4. Corrosion-resistant locks and hinges.
5. Oil could be drained via valve and a hose
6. Exhaust system in the canopy.
7. Special large access doors for easy maintenance
8. In front and back side special large access doors for easy maintenance
9. Base frame -fuel tank.
10. Lifting points similar to ISO container , located on each top corner of the canopy.
11. The cap on the canopy provides easy access to radiator cap.
12. Sound proofing materials
13. Plastic air intake pockets.

INTRODUCTION

Sound-attenuated and weather protective enclosures for generating sets from us, meet even the sound requirements and provide optimum protection from inclement weather and development by our specialist acoustic engineers. Our modular designed sound insulated canopies provide ease of access for servicing and general maintenance and interchangeable components permitting on-site repair. Enclosures are designed to optimize genset cooling performance, providing you with confidence that genset ratings and ambient capability.

Control Panel

Control Module	DSE
Control Module Model	7320
Communication Ports	MODBUS



1. Menu navigation buttons
2. Close mains button
3. Main Status and instrumentation display
4. Alarm LED's
5. Close generator button
6. Status LED's
7. Operation selecting buttons

Devices

DSE, model 7320 Auto Mains Failure control module Static battery charger Emergency stop push button and fuses for control circuits