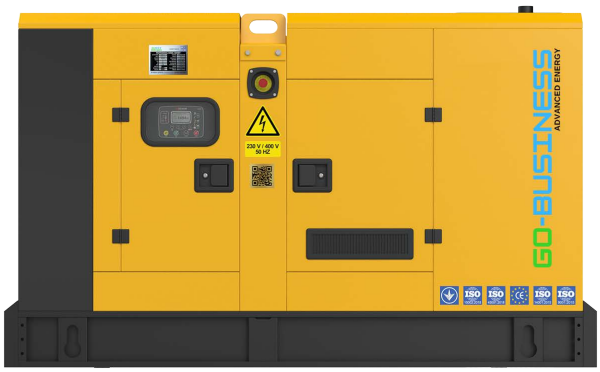
GO-BUSINESS
GENERATOR



About Product

GO-BUSINESS generator sets provide a reliable solution to meet your power requirements and ensure business continuity. These generator sets, which are suitable for all kinds of applications, help meet the needs of your business with quality production and wide support opportunities.

Power (kVA)

VOLTAGE	STANDY-BY POWER (ESP)		PRIME POWER (PRP)		3 Faz,50 Hz
	kVA	kW	kVA	kW	**Ampere**
400/231	500,00	400,00	455,00	364,00	722.54

Stand By Rating (ESP): It is the power capacity used to meet the variable electrical load requirement in the event of a reliable mains supply failure.

Prime Rating (PRP): It refers to the continuous working power under variable load, 10% overload can be done every 12 hours.

General Features

Model Name	GBB-500
Frequency (HZ)	50
Fuel Type Used	Diesel
Engine Make and Model	BAUDOUIN 6M21G500/5^
Alternator Brand and Model	Business
Control Panel	D500
Cabin	GB-500

Engine Features

Engine	BAUDOUIN
Engine Model	6M21G500/5^
Number of Cylinders (L)	6 cylinders - in line
Bore (mm.)	150 mm
Stroke (mm.)	150 mm
Cylinder Volume (lt.)	15.9 L
Air intake	TURBOCHARGED
Compression Ratio	17:1
Speed (rpm)	1500

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GO-BUSINESS GENERATOR

Oil Capacity (Including Filter) (lt)	32 L
Standby Power (kW)	447,00 / 599,42
Prime Power (kW)	407,00 / 545,78
Number of Jacket Water Heater	1
Jacket Water Heater Power (Watts)	1000
Fuel Type Used	Diesel
Injection and System Type	Direct
Fuel Pump Type	Mechanical Pump / Common Rail
Governor System	Electronic / ECU
Operating Voltage (Vdc)	24 Vdc
Battery and Capacity (Quantity/Ah)	2x105
Charge Alternator	70
Cooling Method	Water Cooled
Cooling Fan Air Flow (m³/min)	550
Coolant Capacity (Only with Engine / Radiator)(lt)	55
Air filter	Ağır Hizmet tipi
Prime 100% Load Fuel Consumption (lt/hour)	95,9 L/s
Prime 75% Load Fuel Consumption (lt/hour)	69,6 L/s
Prime 50% Load Fuel Consumption (lt/hour)	46,6 L/s

Engine groups used in our products; Heavy-duty 4-stroke industrial diesel delivers reliable power, low emissions and quick response to load changes.

The standard integrated kit-mounted radiator system, designed and tested for engine cooling system rated ambient temperatures, simplifies plant design requirements for rejected heat.

Alternator Features

Alternator Model	Business
Frequency (HZ)	50
VOLTAGE (V)	400 / 230 VAC
Phase	3
Automatic Voltage Regulator	Elektronik AVR
Voltage Regulation	(+/-)1%
Insulation System Protection	H
Class	IP23
Cooling Air (m³/min)	0.8

2/3 step windings at low reactance; non-linear loads with low wave distortion, short-circuit possibility for troubleshooting and class H isolation.

GO-BUSINESS GENERATOR

DSE6110/20

AUTO START & AUTO MAINS FAILURE CONTROL MODULES

FEATURES

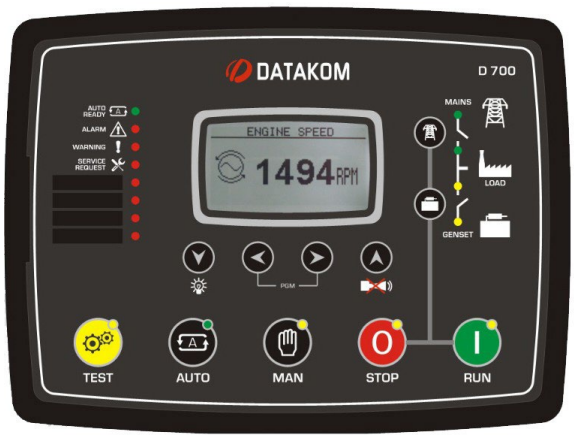
DSE**6120**

DSE**6110**

D500/MK3/LITE/D700

AUTO START & AUTO MAINS FAILURE CONTROL MODULES

FEATURES



It supports many languages such as Turkish, English, Spanish, French and Chinese.
Datakom control panels can be set in different languages depending on the country in which they are used.
Different languages can be loaded onto the device with Rainbow Plus.

SPECIFICATION

MAXIMUM OPERATING CURRENT
178 mA at 12 V, 95 mA at 24 V

MAXIMUM STANDBY CURRENT
88 mA at 12 V, 50 mA at 24 V

CHARGE FAIL/EXCITATION RANGE
0 V to 35 V

MAINS (UTILITY) DSE6120 ONLY VOLTAGE RANGE
15 V - 333 V AC (L-N)

0 to 300 V-AC (Ph-N)

FREQUENCY RANGE
3.5 Hz to 75 Hz

0-600 Hz.

OUTPUTS
OUTPUT A (FUEL)
2 A DC at supply voltage

OUTPUT B (START)
2 A DC at supply voltage

AUXILIARY OUTPUTS C,D,E & F
2 A DC at supply voltage

Mains and genset contactor outputs:
16Amps@250V

DC Outputs: Protected mosfet semiconductor outputs,

rated 1Amp@28V-DC

Cranking dropouts:

Survives 0V for 100ms

GENERATOR
VOLTAGE RANGE
15 V - 333 V AC (L-N)

Mains voltage:

0 to 300 V-AC (Ph-N)

FREQUENCY RANGE
3.5 Hz to 75 Hz

MAGNETIC PICK UP
VOLTAGE RANGE
+/- 0.5 V to 70 V

FREQUENCY RANGE
10,000 Hz (max)

DIMENSIONS
OVERALL
215 mm x 158 mm x 42 mm
8.5" x 6.2" x 1.6"

PANEL CUT-OUT
182 mm x 137 mm
176 mm x 121 mm.

MAXIMUM PANEL THICKNESS
8 mm
0.3"

STORAGE TEMPERATURE RANGE
-40 °C to +85 °C

-40°C to 80°C (-40 to +176°F)

RELATED MATERIALS
TITLE
DSE6110 Installation Instructions
DSE6120 Installation Instructions
DSE6100 Quick Start Guide
DSE6100 Operator Manual
DSE6100 Configuration Suite PC Manual

RELATED MATERIALS
TITLE
Installation Instructions
User Manual
NFPA Application Note
Operator Manual
Configuration Suite PC Manual

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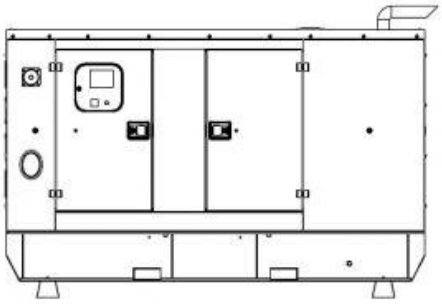
GENERATOR



Cabin Generator Dimensions (mm)

WIDTH	4300
LENGTH	1500
HEIGHT	1940
DRY WEIGHT (kg.)	3686
FUEL TANK CAPACITY (lt.)	-

Cabinless Generator Dimensions (mm)

WIDTH	3255
LENGTH	1500
HEIGHT	1740
DRY WEIGHT (kg.)	3041
FUEL TANK CAPACITY (lt.)	-

- Container and modular cabin production
- 65-85 db. sound insulation between
- Anti-vibration vibration wedges
- Corrosion resistant locks and hinges
- Easy to transport with forklift chassis legs
- Cover for easy access to the control panel
- Concealed exhaust
- Emergency stop button
- Design suitable for easy generator maintenance
- Lockable doors on both sides
- Weldless bolt, nut cabinet assembly

Cab and Chassis

Chassis and Durability: The rigid structural design, made of steel used for the generator set, provides the strength to carry the weight of the generator and is supported by anti-vibration mounts to minimize the vibration level. This ensures stable operation and long life of the generator.

Anti-Vibration Mounts: Anti-vibration wedges, which help to reduce the vibration level of the generator, absorb the vibration that may occur during operation and create less disturbance for the environment.

Lifting Eyes: The lifting eyes on the chassis provide convenience during the transportation and assembly of the generator.

Special Design Solutions: In addition to standard chassis, special design solutions can be offered in line with customer demands. This allows to tailor the transport and placement of the generator to the needs of the project.

Fuel Tank Integration: In small power generator sets (less than 1600 kVA), the fuel tank is produced integrated into the chassis. This optimizes space and the assembly process.

Large Power Generator Sets and Fuel Tank: In generator sets with a power greater than 1600 kVA, the rectangular type fuel tank is provided separately with the generator set. This provides more fuel storage capacity.

Fuel Level Indicator: Both types of fuel tanks have a level indicator that displays the fuel level. This simplifies fuel management and maintenance.