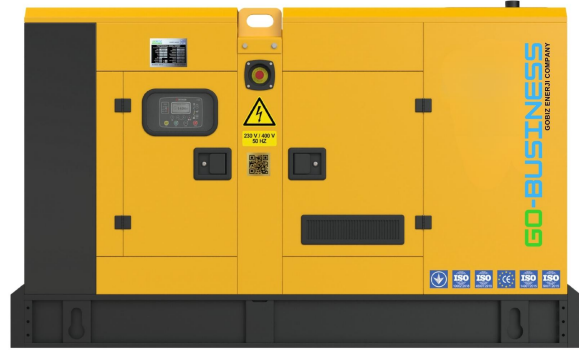




About Product

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	72,00	57,60	65,00	52,00	104.04

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-70
Frequency (HZ)	50
Fuel Type Used	Diesel
Engine Make and Model	BAUDOUIN 4M10G70/5
Alternator Brand and Model	Business
Control Panel	Datakom (TR)
Cabin	GB-70

Engine Features

Engine	BAUDOUIN
Engine Model	4M10G70/5
Number of Cylinders (L)	4 cylinders - in line
Bore (mm.)	105
Stroke (mm.)	118
Cylinder Volume (lt.)	4.087
Air intake	Naturally Aspirated
Compression Ratio	17.5:1
Speed (rpm)	1500

Oil Capacity (Including Filter) (lt)	11 L
Standby Power (kW)	66,00 / 88,50
Prime Power (kW)	60,00 / 80,46
Number of Jacket Water Heater	1
Jacket Water Heater Power (Watts)	750
Fuel Type Used	Diesel
Injection and System Type	Direct
Fuel Pump Type	Mechanical Pump / Common Rail
Governor System	Electronic / ECU
Operating Voltage (Vdc)	12 Vdc
Battery and Capacity (Quantity/Ah)	1x75
Charge Alternator	80
Cooling Method	Water Cooled
Cooling Fan Air Flow (m³/min)	216
Coolant Capacity (Only with Engine / Radiator)(lt)	17
Air filter	Ağır Hizmet tipi
Prime 100% Load Fuel Consumption (lt/hour)	14,6 L/s
Prime 75% Load Fuel Consumption (lt/hour)	11,0 L/s
Prime 50% Load Fuel Consumption (lt/hour)	7,8 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 Brand	Business
Frequency (HZ)	50
VOLTAGE (V)	15 / 17,6
Phase	230/400
Automatic Voltage Regulator	3
Insulation System Protection	(+/-)1%
Class	H
Power factor	IP21 - IP23
	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.

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DSE6110/20

AUTO START & AUTO MAINS FAILURE CONTROL MODULES

FEATURES



DSE6120

DSE6110



D500/MK3/LITE/D700

AUTO START & AUTO MAINS FAILURE CONTROL MODULES

FEATURES



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 PICKUP 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

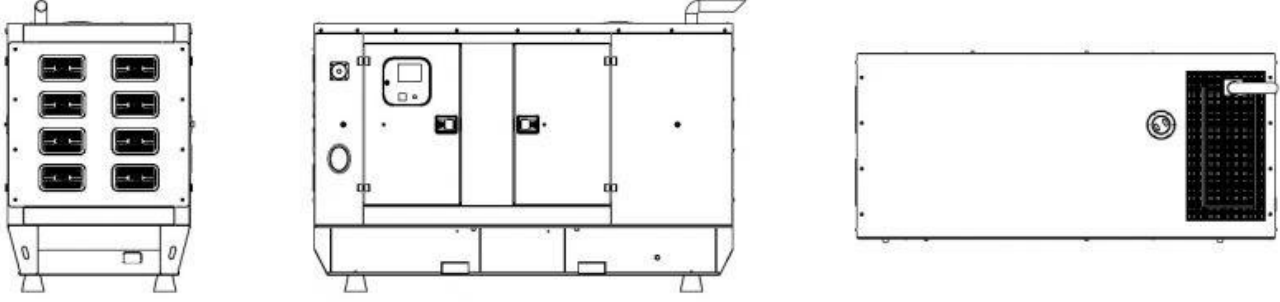
DSE6110 Installation Instructions
DSE6120 Installation Instructions
DSE6100 Quick Start Guide
DSE6100 Operator Manual
DSE6100 Configuration Suite PC Manual

RELATED MATERIALS

TITLE

Installation Instructions
User Manual
NFPA Application Note
Operator Manual
Configuration Suite PC Manual

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GENERATOR CABINET DIMENSIONS (mm)

Size	2350
Most	1000
Height	1300
Dry Weight (kg.)	1415
Fuel Tank Capacity (lt.)	160

OPEN TYPE GENERATOR DIMENSIONS (mm)

Size	1900
Most	1000
Height	1100
Dry Weight (kg.)	1179
Fuel Tank Capacity (lt.)	160



- ÇContainer and modular cabin production
- Ç65-85 db. Sound insulation between
- ÇAnti-vibration vibration wedges
- ÇCorrosion resistant locks and hinges
- ÇEasy transportation can be transported by forklift chassis fee
- ÇCover for easy access to the control panel
- ÇHidden exhaust
- ÇEmergency stop button
- ÇDesign suitable for easy generator maintenance
- ÇLockable doors on both sides
- ÇWeldless bolt and nut cabin assembly

Kabin ve Şase

Şasi ve Dayanıklılık: Jeneratör seti için kullanılan çelikten imal edilen sert yapısal tasarım, hem jeneratörün ağırlığını taşıyacak dayanıklılığı sağlar hem de titreşim seviyesini minimuma indirmek için anti-vibrasyon takozları ile desteklenir. Bu, jeneratörün stabil çalışmasını ve uzun ömürlü olmasını sağlar.

Anti-Vibrasyon Takozları: Jeneratörün titreşim seviyesini düşürmeye yardımcı olan anti-vibrasyon takozları, işletim sırasında oluşabilecek titreşimi emer ve çevre için daha az rahatsızlık yaratır.

Kaldırma Mapaları: Şasilerde bulunan kaldırma mapaları, jeneratörün taşınması ve montajı sırasında kolaylık sağlar.

Özel Tasarım Çözümleri: Standart şasilerin yanı sıra, müşteri talepleri doğrultusunda özel tasarım çözümleri sunulabilir. Bu, jeneratörün taşınması ve yerleştirilmesini projenin ihtiyaçlarına göre uyarlamayı sağlar.

Yakıt Deposu Entegrasyonu: Küçük güçteki jeneratör setlerinde (1600 kVA'dan küçük) yakıt deposu, şasiye entegre olarak üretilir. Bu, alan ve montaj sürecini optimize eder.

Büyük Güçteki Jeneratör Setleri ve Yakıt Tankı: 1600 kVA'dan büyük güçteki jeneratör setlerinde dikdörtgen tip yakıt tankı, jeneratör seti ile ayrı bir şekilde sağlanır. Bu, daha fazla yakıt depolama kapasitesi sağlar. Yakıt

Seviyesi Göstergesi: Her iki tip yakıt deposunda da yakıt seviyesini gösteren bir seviye göstergesi bulunur. Bu, yakıt yönetimini ve bakımını kolaylaştırır.