



Über Produkt

Go-Business-Stromaggregate bieten optimale Leistung, Zuverlässigkeit und Vielseitigkeit für Stromerzeugungssysteme, Standby, Hauptstrom- und Dauerbetriebsanwendungen. Abgesichert durch umfassende Garantie und weltweiten Kundendienst. 10 Jahre Ersatzteilversorgung ist verfügbar.

Leistung (kVA)

VOLTAGE	Standby Power (ESP)		Prime Power (PRP)		3 Phase, 50 Hz
	kW	kVA	kW	kVA	Ampere
400/231	551	688	500	625	994,00

Stand By Rating (ESP): It is the way generators work at certain time intervals under variable load. It can work as backup power. It is not suitable to be operated under excessive load.

Prime Rating (PRP): It is the way of working as a continuous power supply when there is no mains power. When operating under variable load 24 hours a day, 10% overload is allowed for 1 hour every 12 hours.

Allgemeine Merkmale

Modellname	GBDW-690
Frequenz (HZ)	50
Verwendeter Kraftstofftyp	Diesel
Marke und Modell des Motors	DAEWOO 12DWV-695
Marke und Modell der Lichtmaschine	Business
Bedienfeldmodell	D500
Kabine	GB 690

MOTORMERKMALE

Motor	DAEWOO
Motormodell	12DWV-695
Anzahl der Zylinder(L)	6 cylinders - in line
Langweilig (mm.)	128
Schlaganfall (mm.)	142
Zylindervolumen (lt.)	21,93
Luft einlass	Turbo Charged and Charge Air Cooled
Kompressionsrate	14.6:1
Geschwindigkeit (rpm)	1500

Öl Kapazität (Including Filter) (lt)	57
Standby-Leistung (kW)	551
Primärleistung (kW)	500
Anzahl der Mantelwassererhitzer	1
Leistung des Ummantelungswassererhitzers (Watts)	3000
Verwendeter Kraftstofftyp	Diesel
Injektions- und Systemtyp	Direct
Kraftstoffpumpentyp	MEUI
Gouverneurssystem	ECM
Betriebsspannung (Vdc)	24 Vdc
Akku und Kapazität (Quantity/Ah)	2x120
Lichtmaschine laden	70
Kühlungsmethode	Water Cooled
Kühlmittelkapazität (Only with Engine / Radiator)(lt)	722
Luftfilter	Dry Type
Prime 100 % Lastkraftstoffverbrauch (lt/hour)	139,1
Prime 75% Lastkraftstoffverbrauch (lt/hour)	99,2
Prime 50% Lastkraftstoffverbrauch (lt/hour)	72,7

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.

Merkmale der Lichtmaschine

Alternator-Modell	Business
Frequenz (HZ)	50
Leistung (kVA)	500
STROMSPANNUNG (V)	400
Phase	3
Automatischen Spannungsregler	DER1
Spannungsregulierung	(+/-)0.5%
Isoliersystem	H
Schutzklasse	IP23
Leistungsfaktor	0.8
Gewicht der Lichtmaschine(Kg)	1208
Kühlluft (m³/min)	54

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

Control System

The D-500 is an advanced generator control device that supports all types of communication and functionality. Its advanced communication features allow it to be included in any automation and monitoring system. The fact that all communication ports are available on the device and all of them are active at the same time is a revolutionary innovation in the sector.

Explanation

The advanced communication features of the device allow it to be integrated into any automation system. The complete software features of the device also allow software update via the USB port. Windows-based PC software allows programming and monitoring of the device via USB, RS-485, RS-232, Ethernet and GSM.

Main Features

- 400Hz generator support
- Event log with 400x measurement value
- All parameters can be changed from the front panel
- 3-level program password
- 128x64 pixel graphic LCD
- Language installation
- Current-voltage waveform
- Current-voltage harmonic analysis
- synchroscope and sync relay
- 16 Amp / 250V 5K / JK outputs
- 8 programmable digital inputs
- Entries can be increased to 40
- 8 programmable digital outputs
- Outputs can be increased to 40
- 4 programmable analog inputs
- CANBUS-J1939 & MPU input
- 3 programmed service alarms
- Multiple self-test program
- weekly work schedule
- Dual generator support, evenly aged
- Fine speed tuning (some ECUs)
- Automatic fuel pump control
- Protections cancellation feature
- Over power protection
- Reverse power protection
- Overcurrent IDMT protection
- load shedding, dummy load
- Multiple load shedding programs
- Current unbalance protection
- Voltage unbalance protection
- Fuel filling and fuel theft alarms
- Battery powered real time clock
- Idle speed control
- Battery charging work
- Battle mode support
- Multiple nominal requirement definitions
- Contactor+motorized switch driving
- 4 quarter energy meters
- Grid energy meters
- fuel meter
- fuel consumption meter
- Modem & ethernet pages
- Free configuration software

- Possibility of control via SMS
- Ready for central monitoring via Ethernet and GPRS
- Mobile generator support
- Automatic GSM geolocation
- GPS connection (USB and RS232)
- Dynamic DNS support
- Downloading software via USB
- IP65 protection with standard gasket

Functions

- AMF device (seamless)
- ATS device (seamless)
- Remote Start device
- Manual Operation device
- Motor Controller
- remote monitoring panel
- Long-term recording to flash memory
- Input-output boost

Communication

- Ethernet (10/100Mb)
- 4-band GPRS modem (optional)
- USB Host and USB Device
- RS-485 (2400-115200baud)
- RS-232 (2400-115200baud)
- Micro SD card slot
- J1939-CANBUS
- Geolocation via GSM
- GPS connection (USB and RS-232)
- Embedded web server
- Web monitoring and programming
- Central monitoring over the Internet
- SMS message sending
- Sending e-mail
- Freeware: Rainbow Plus
- Modbus RTU and Modbus TCP/IP
- SNMP

Remote Monitoring

- Single server supports 60'000 devices
- Provides data security, data is only sent to the server
- Use internet-based dynamic world map
- Device states are shown live on the map and side panel
- Hierarchical configuration and grouping
- Remote control of devices
- Supports all Datalogic devices connected with DKG 210 gateway
- Supports all brands of Modbus-enabled products with the DKG 210 gateway
- Data recording, analysis and reporting
- Tablet and smartphone interfaces



The manufacturer reserves the right to make changes on the model, technical specifications, color, equipment, accessories and pictures without prior notice. (01.01.2022)

Go-Business-Dae

jeneratör

ABMESSUNGEN DES OFFENEN GENERATORS (mm)

LÄNGE	3500
BREITE	1700
HÖHE	2200
TROCKENGEWICHT (kg.)	3785
TANKINHALT (lt.)	800

ABMESSUNGEN DER GENERATORKABINE (mm)

LÄNGE	4800
BREITE	1700
HÖHE	2450
TROCKENGEWICHT (kg.)	4865
TANKINHALT (lt.)	800



- Çelik sac'dan yapı
- Acil durdurma butonu
- Kontrol panosu sağ tarafta şaseye montajlı
- Korozyona dayanıklı kilit ve menteşeler
- Yağ boşaltma motor üzerinde vana ile
- Egzoz sistemi kabin içinde, gizli
- Her iki yan tarafta bakımı kolaylaştıran kilitlenebilir geniş kapılar
- Ön ve arkada bakımı kolaylaştıran kilitlenebilir geniş kapılar
- Depo-Şase
- Kaldırma ve taşıma noktası, şase veya kabin üzerinde
- Radyatör su dolumu ve yağ dolumu için kapak
- Ses yalıtım malzemeleri
- Plastik hava emiş cepleri

Go-Business Jeneratör seti kabinleri standart olarak aşağıdaki özellikleri taşırlar;

- Kaynaksız somun ve civatalarla kompakt tasarım bağlantısı.
- Entegre olarak monte edilmiş kabin,jeneratör seti, egzoz sistemi ve yakıt deposu.
- Polyester toz boya ile işlenmiş çelik bileşenlerden yapılmış gövde
- Tüm servis noktalarına kolay erişim
- Kabin içerisinde egzoz sistemi
- Her iki tarafta geniş kapılar
- Kilitlenebilir kontrol paneli
- Kabin dışına monte acil stop butonu
- Yakıt doldurma bölümüne ve aküye yalnızca kilitlenebilir erişim kapıları aracılığıyla erişilebilir.
- Uygulama ihtiyaçlarınızı karşılamak için müşteri seçenekleri mevcuttur
- Go-Business jeneratör setlerinin gürültü seviyesi testleri 2000/14/EC direktifine uygun olarak Szutest (CE standartları uygunluk değerlendirme kuruluşu) tarafından onaylanmıştır.

Kabinler

İsteğe bağlı olarak iklim koşullarına karşı koruyucu ve ses geçirmez kabinler yapmak mümkündür.

Şasi ve Yakıt Deposu

Jeneratör setinin yükünü taşıyacak özellik ve dayanıklılıkta çelikten imal edilen sert yapısal tasarımı ve anti-vibrasyon takozları sayesinde titreşim seviyesini minimuma indirmektedir. Şasilerin hepsi kaldırma mapaları içerir. Tamamı Go-Business tarafından üretilen standart şasiler haricinde müşteri talepleri doğrultusunda tasarlanan özel çözümler taşıma ve yerleştirmede büyük kolaylık sağlar. 1600 kVA'dan küçük güçteki jeneratör setlerinde yakıt deposu şasiye entegre olarak üretilmektedir. 1600 kVA'dan büyük güçteki jeneratör setlerinde dikdörtgen tip yakıt tankı jeneratör seti ile ayrı sağlanır. Her tipteki yakıt deposunda seviyesi göstergesi bulunmaktadır.

Üretici önceden haber vermeksizin model, teknik özellikler, renk, ekipman, aksesuarlar ve resimler üzerinde değişiklik yapma hakkını saklı tutar. (01.01.2022)