

The blue ones.

POWER GENERATING SYSTEMS
WITH ASYNCHRONOUS TECHNOLOGY



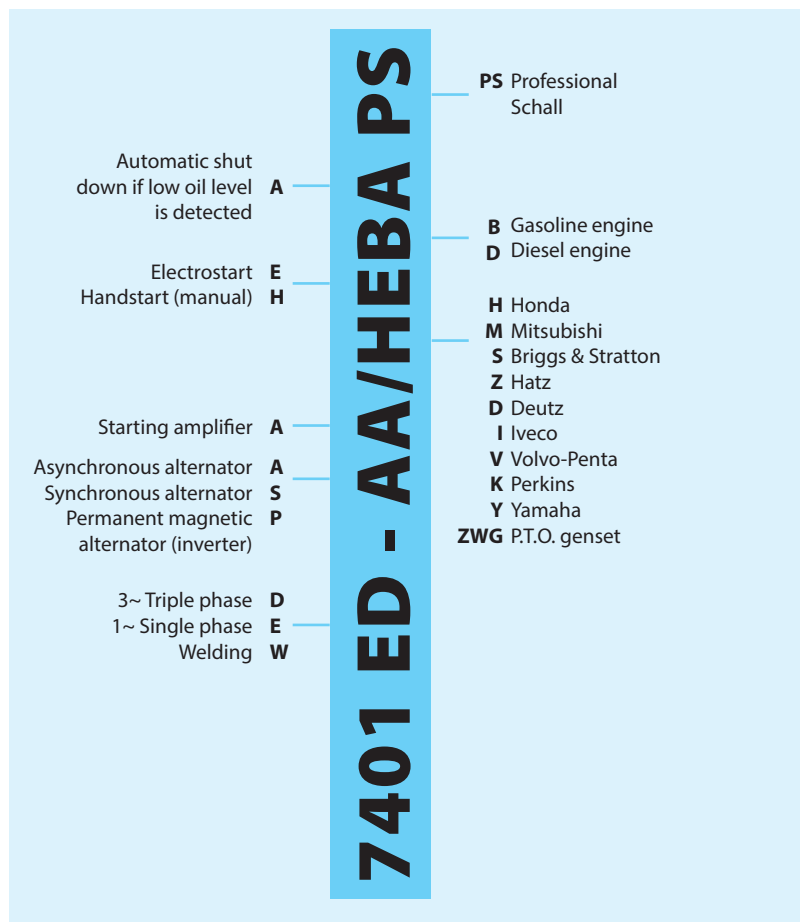
GEKO

MADE IN GERMANY

Type designation, selection, application

The GEKO-Type designation

Extensive technical informations are included in the type designation of the GEKO power gensets.
To let you always keep track of everything, all abbreviations are listed here:



Quality provided by
the market leader

GEKO

MADE IN GERMANY

The world of power gensets

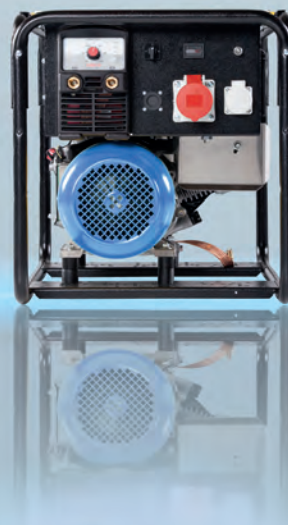
FOR EVERY PURPOSE. MADE IN GERMANY.



The Professionals

2,2 kVA to 13 kVA gasoline
6,4 kVA to 2000 kVA diesel

14



Welding

5 kVA to 6,2 kVA gasoline
5,9 kVA diesel

26



Super Silent

1,6 kVA to 18 kVA gasoline, 3,6 kVA diesel
 40 kVA to 1700 kVA diesel Stage II
 15 kVA to 130 kVA diesel Stage III A
 35 kVA to 60 kVA diesel Stage V

30

The Robusts

3,8 kVA to 7,5 kVA gasoline

44

P.T.O. alternators & 2- bearing alternators

20 kVA to 60 kVA

50

Asynchronous alternator. The advantage.

Application of this technology for electronic consumers due to the low distortion factor.

Tests and analyses have shown that using a GEKO asynchronous alternator means just having a small share of distortion frequencies in the range of harmonic overtones. This leads to an obvious reduction of negative influence on electronic devices by unclean and poor supply voltage.

The value of such an unclean supply voltage is expressed by the distortion factor. This factor can reach about 2% in case of GEKO asynchronous alternators, while the products of other manufacturers come up with the distortion factor of up to 15%. Hence to this fact, the operation of electronic devices is absolutely possible without any distortion. Electric motors run smoother due to a lower distortion factor and they don't warm up too fast.

You may find some application examples of the distortion factor in laboratory equipment, plastic welding machines, battery charger units and multimedia equipment.

Excellent starting process in case of inductive and heavy-duty electronic consumers.

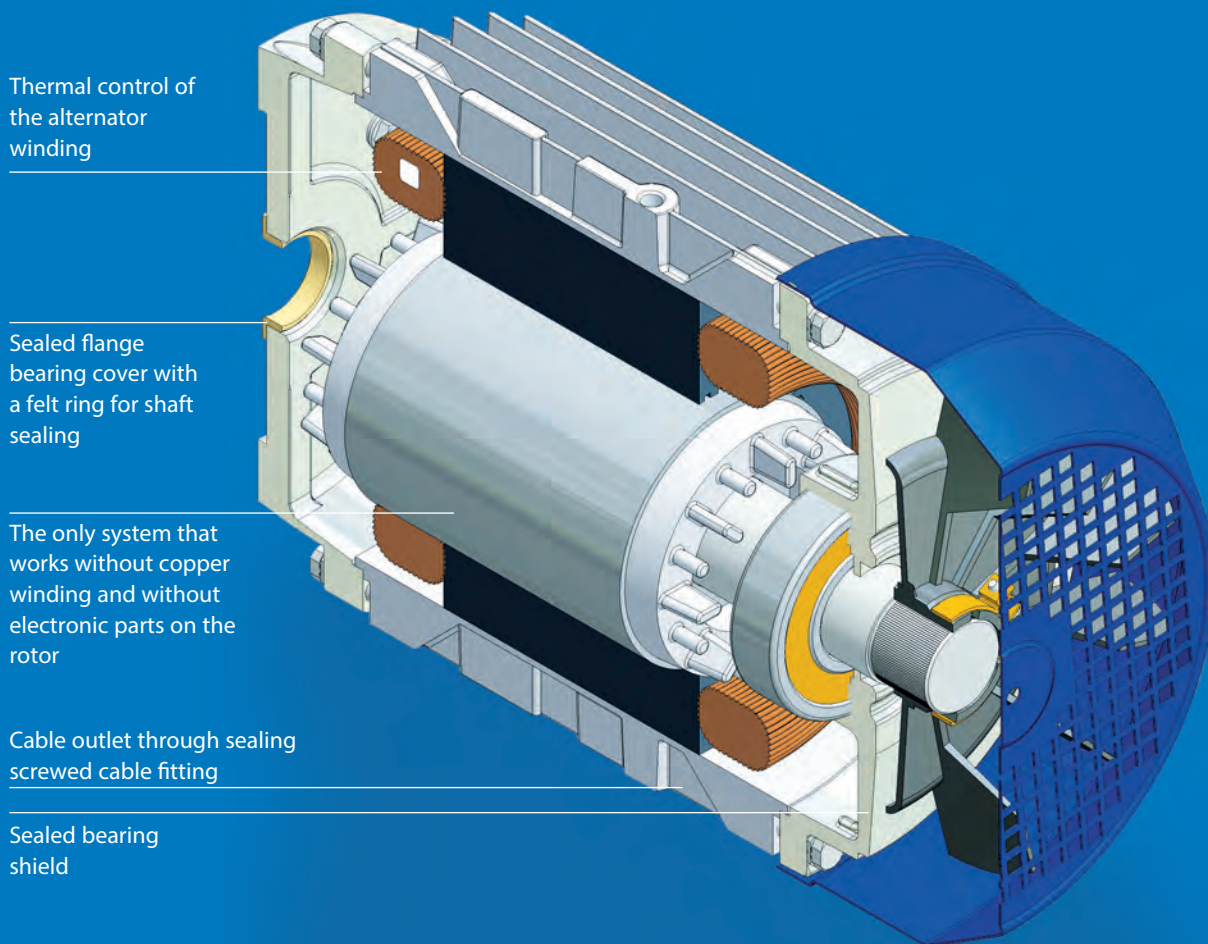
GEKO has developed a special starting amplifying system and exceeds herewith gensets with inverter technology or Cyclo-Converter systems. The GEKO asynchronous technology with starting amplifying system can be compared and treated as equal with synchronous alternators.

In addition Geko is the only manufacturer that provides details about the starting current of its gensets.

Application examples referring to heavy-duty electronic consumers are among others circular saws, compressors and pumps.

The Employers' Liability Insurance Association (BGI 867) requires the protection class IP54.

Due to the protection class IP54 lifetime of alternators extends, because bearing and winding are protected optimally against damaging influences. The operation field of gensets is enlarged significantly, as the alternator can be operated even in case of high humidity and massive pollution. The continuous outdoor operation is no problem. This protection class is necessarily required by the BGI 867 in a commercial operation.



Thermal control of the alternator winding

Sealed flange bearing cover with a felt ring for shaft sealing

The only system that works without copper winding and without electronic parts on the rotor

Cable outlet through sealing screwed cable fitting

Sealed bearing shield

Construction of a maintenance free GEKO asynchronous alternator

Obvious is the missing of any sensitive and eventually failure-prone, electronic items or rotating windings. The asynchronous alternator is actually wearless and provides an extremely long durability.

Avoiding overvoltage

The dangerous overvoltage of low loaded phases, which mainly exists in synchronous alternators (protection class IP 23), are completely prevented in case of the GEKO asynchronous technology.

Due to the concept of the GEKO asynchronous alternator the increase of voltage in particular phases is impossible. Hence to this a significantly higher single-phase power take off is possible, unlike the market-based synchronous alternators.

GEKO Technology ABC

THE SIMPLE ADVISER TO MAKE YOUR DECISION

Which power does my genset need?

Ohmic consumers –

are active load consumers, like cooking plates or heating units. To detect the power demand of your GEKO genset, please sum up all power values of your consumers, which you would like to operate simultaneously with your genset and add 10% to this sum. Power value Watt (W) can be set equal with Voltampere (VA).

Inductive consumers –

require a high starting current, like circular saws and compressors. Here you may also need a precise specification for an optimal choice of your future GEKO genset.

You have the choice to continue as follows:

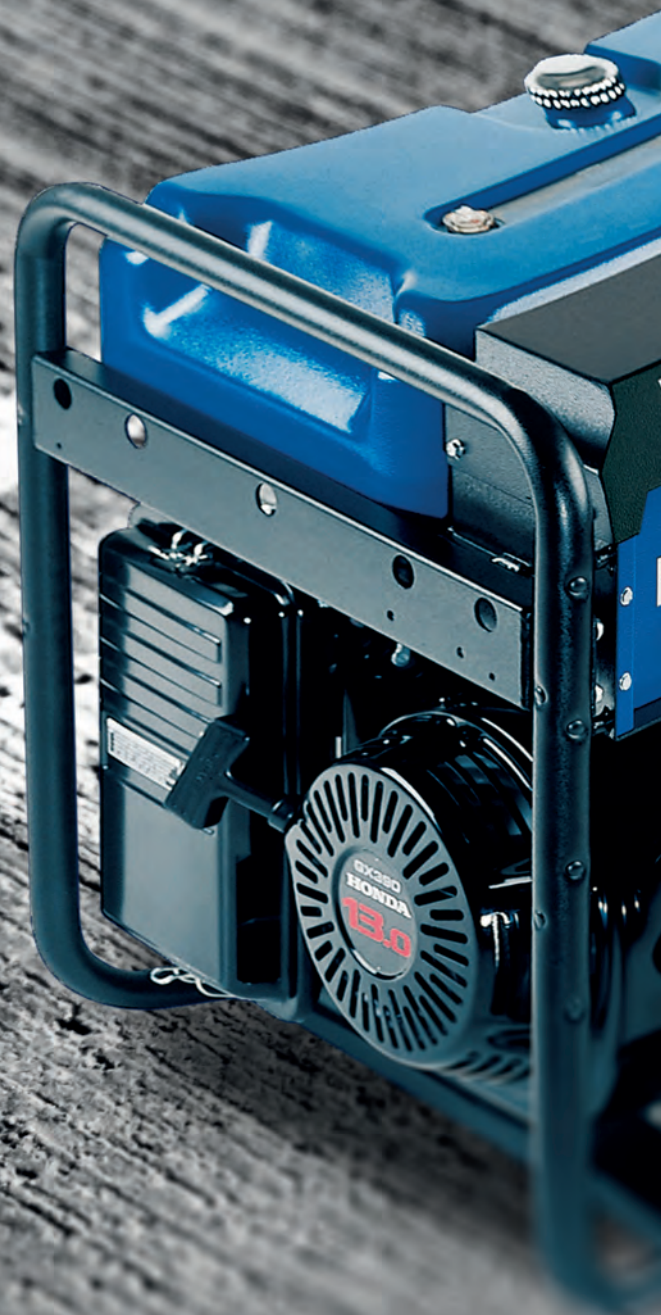
GEKO gensets without starting amplifying system are all aggregates which are listed in this product catalogue with the **type description (-A)** like for example 3001 E –A/HHBA. The take-off power of the genset without starting amplifying system must be 3 or 3.5 times higher than the inductive consumers' nominal power demand.

For example: compressor with 3000W x 3,5 =
genset without starting amplifying system with 10500W (10,5 kVA)

GEKO genset with starting amplifying system or synchronous alternator are all aggregates which are listed in this product catalogue with the **type description (-AA) or (-S)** like for example 3001 E -AA/HHBA or 13001 ED -S/SEBA. The take-off power of the genset must be twice as high as the inductive consumers' nominal power demand with the starting amplifying system.

For example: compressor with 3000W x 2 =
genset without starting amplifying system with 6000W (6 kVA)

Important for you: These examples show that you can operate with an essentially smaller and therefore cheaper genset in case of equal consumer power demand. In case of doubt a GEKO genset with the next higher power range should be preferred.



GEKO^{PLUS}

THE GEKO EXTRAS.

Manual change over switch (MNU)



In case of a manual transfer switch your GEKO genset will overtake the emergency power supply of the most important installations in your house. The MNU is a simple and economical installation and starting operation. It is available in following editions:

- Single- phase, 16 A feed**
- three- phase, 16 A or 32 A feed**
- The switching capacity is 63 A in each case.**
- Higher switching capacities are possible on demand.**

Remote starting device FFS 100



With the remote starting device FFS 100 almost every power aggregate can be started and stopped from a distance of up to 100 meters. The remote control works in the failure-free 433 MHz frequency range. Due to the compact GEKO modular construction the aggregates with the Super- Silent- OHV technology can be upgraded at any time.



**Automatic emergency power switch
Blackout Control NS 10/ BLC 100**

The automatic emergency power switch NS 10/ BLC regulates automatically the take over of the power supply by the use of a GEKO genset in case of a blackout or high mains voltage fluctuations. On return of the mains voltage the take over back to the mains is also realized automatically. The NS 10/ BLC stands out due to usability and is already integrated in your GEKO genset. It is available in single- phase and three- phase types.

BLC



Isolated Operation Control Unit IS 10

The isolated operation control unit is a control unit that is used autarchically in island operations. Extensive programmability, individual switch inputs and interfaces, intuitive operability, monitoring- enabled surveillance and many more are obvious advantages compared to similar control units. Due to the backlit display it is already visible from afar if the genset operates properly, if there is a warning or if a failure prevents the operation. The menu navigation is easy to understand even for non- professionals.

IS 10



All failures are indicated and recorded graphically and also by a failure code to match them clearly. Maintenance and service intervals as well as off- times are definable and parametrisable.

GEKO^{PLUS}

THE GEKO EXTRAS.

**ATS control panel Nano CPN external.
The smarter controller.**



The ComAp ATS controller is the successor of the BLC 100 und offers the following functions among others:

- Multi purpose display
- Voltage display
- Currency display
- Frequency display
- Counter for operating hours
- Display of error messages with history
- Display of operation mode
- Network monitoring and automatic start of the power generator in case of network failure

Worksite distribution board in acc. with DGUV 203-032



Worksite distribution board 230/400V in acc. with DGUV

Inlet:

1 off supply line H07RN-F 5 G, 2,5 mm², 2 m length

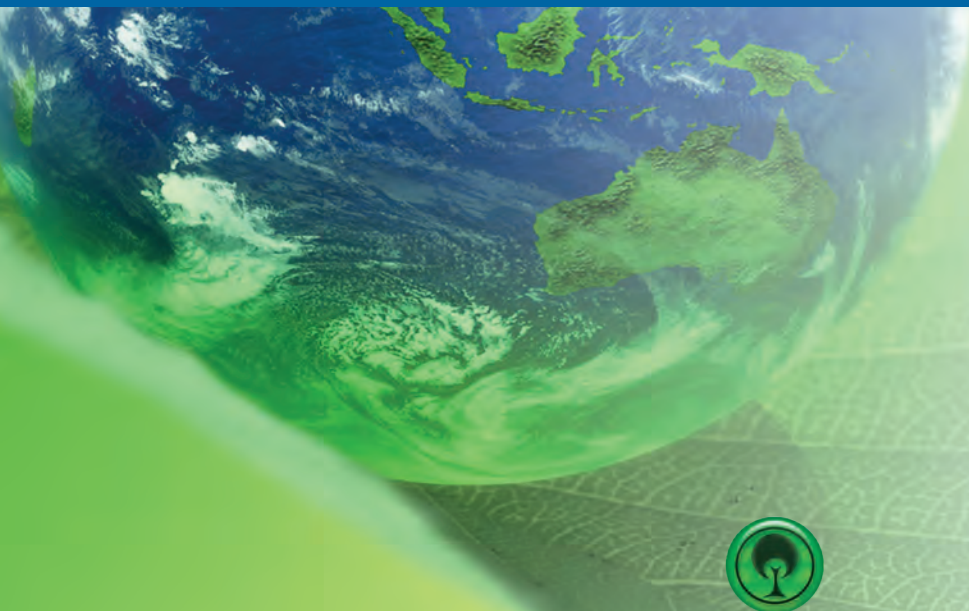
Outlet:

1 off socket CEE 3~ 16A, 5 pole 1 off protection switch FI 40A / 0,03A
3 off sockets Schuko 16A, 3 off protection switch FI / LS B 10A / 0,03A
Rigid solid rubber housing with carrying handle for easy transport
Four solid feet from solid rubber for safe positioning. All sockets with spring loaded cover, protection switch FI and FI/LS switch covered with impact-resistant transparent plastic cover. Assembled and wired ready for use.

GEKO individual – individual custom-made solutions

Centralized R & D department as well as next door manufacturing allow our highly qualified Sales team to tailor customer solutions based on their individual specifications quickly.

R & D at highest quality level – MADE IN GERMANY – world leader in asynchronous technology.



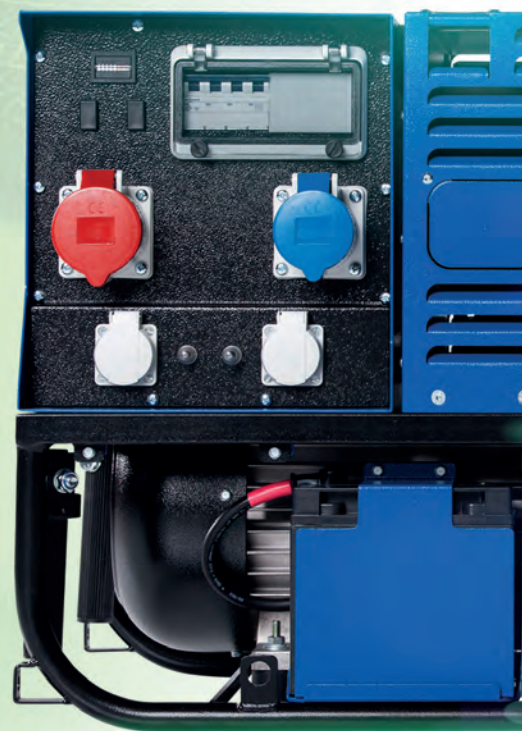
Silent Economic – Save your environment and your budget

Due to the Silent Economic technology the speed of the engine decreases and will be increased again immediately on demand of electric power. Thus consumption, exhaust emission, loudness and wear are drastically reduced. The speed of the driving engine will be reduced for 20% to 40% depending on the type of aggregate, shortly after the last power output. As a consequence the genset remains in readiness.

Only when the necessary power output is reached, the engine will be raised with lightning speed to rated speed and hence to full load output, so that even heavy- duty consumers can be operated.

The GEKO Silent Economic product line offers gensets with a performance rate from 3 kVA to 13 kVA with a consumer start that is up to three times faster than the start of competitive products of other manufacturers.

Furthermore a high residual voltage enables also the operation of big inductive consumers.





Safety First. Protection class according to DIN 40050

The protection class of electric units is specified in the directive DIN 40050. Electric units must be protected against humidity and foreign bodies. Protection class and its grade of protection are specified by the letters IP and two following index numbers.

First index number:

- 2 Protection against the intrusion of foreign bodies with a diameter larger than 12 mm
- 3 Protection against the intrusion of foreign bodies with a diameter larger than 2.5 mm
- 4 Protection against the intrusion of foreign bodies with a diameter larger than 1 mm
- 5 Protection against harmful dust deposits. The intrusion of dust cannot be avoided completely, but dust should be prevented from intruding in such quantities that could affect the functionality of the unit.

Second index number:

- 1 Water that falls vertically has no harmful effect
- 2 Water that falls at any angle up to 15 degrees from the vertical line has no harmful effect
- 3 Water that falls at any angle up to 60 degrees from the vertical line has no harmful effect
- 4 Water that splashes from all directions against the electrical equipment has no harmful effect

That means that units with the protection class IP23 cannot be subjected to rain or splashing water without any consequences. That is the reason why GEKO relies on protection class IP54 unlike other manufacturers.

Units with this protection class can be operated risk-free in case of splashing water from all over. And due to the dust cover the lifetime of a alternator can be increased as well.

The Professionals

FOR EVERY PURPOSE. MADE IN GERMANY.

**For the tough professional
operation**

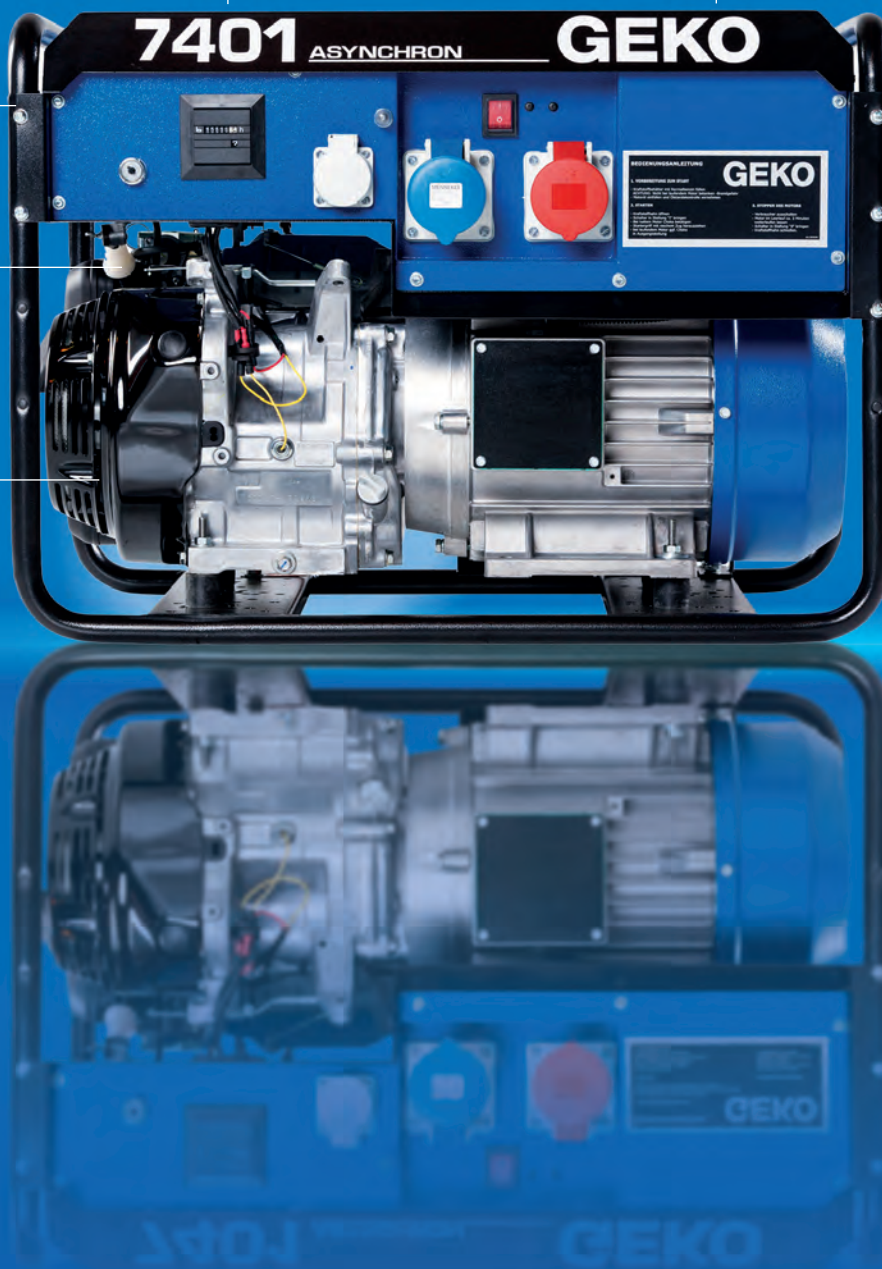
Highest reliability

**A great number of accessories
are available**



Performance range:
2.2 kVA to 13 kVA gasoline
6,4 kVA to 2000 kVA diesel

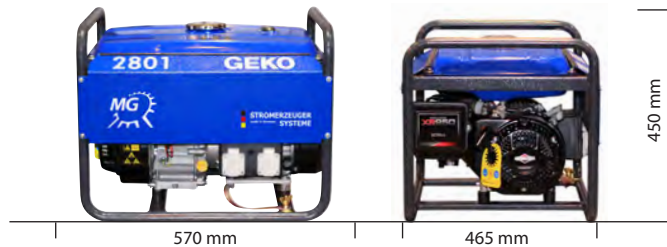
**A long operating time due to
extra large tanks**



2801

NEW

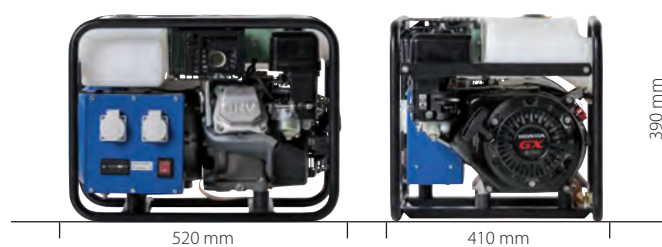
Two Schuko-Sockets, Automatic shutdown at low oil level.
Big fuel tank for long operating times with optical fuel indicator.



3001

Sale while stocks last

Field of application: average electric tools, hammer drills, angular grinders, lawn mowers, light supply, etc.
Compact design. Operating time with one tank filling up to 9 hours. Automatic low oil level shut down. Two Schuko-sockets. Disengageable starting amplifier.



2801 E-A/SHBA

Order-No.: 986216
GTIN: 4038469231983

2801 E-A/HHBA

Order-No.: 986218
GTIN: 4038469235943

Engine	Briggs & Stratton	Honda
Alternator	Aynchronous	Aynchronous
El. capacity: 1~ cos φ 1,0	2200 VA	2200 VA
Voltage 1~	230 V	230 V
Current 1~	10,6 A	10,6 A
Frequency	50 Hz	50 Hz
Safety class alternator	IP 54	IP 54
Engine type	B&S Series XR950	Honda GP200
Number of cylinders	1	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹	3000 U min ⁻¹
Fuel type	Gasoline	Gasoline
Engine oil capacity	0,6 l	0,6 l
Engine power (3000 1/min)	4 kW	3,3 kW
Cooling engine/alternator	Air / Air	Air / Air
Tank capacity	15 l	15 l
Operating time: full load/half load	12,5 / 15 h	12,5 / 15 h
Weight	42 kg	42 kg
Dimensions L x W x H	570 x 465 x 450 mm	570 x 465 x 450 mm
Noise power level L ^{WA}	96 dB(A)	96 dB(A)
Noise pressure (10m)	68 dB(A)	68 dB(A)

3001 E-AA/HHBA

Order-No.: 986211
GTIN: 4038469962115

Alternator	Asynchronous
El. capacity: 1~ cos φ 1,0	3000 VA
Voltage 1~	230 V
Max. sum. current 1~	13 A
Current 1~ (Schuko)	13 A
(with 20% voltage drop)	17 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Honda GX 200 Low Noise
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	0,6 l
Engine power	3,3 kW
Cooling engine/alternator	Air / Air
Tank capacity	8 l
Operating time: full load/half load	5 / 7 h
Weight	48 kg
Dimensions L x W x H	520 x 410 x 390 mm
Noise power level L ^{WA}	96 dB(A)
Noise pressure (10m)	68 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Adapter for exhaust hose	015658
Lifting set	911643
Chassis (pre-finished)	988548

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Adapter for exhaust hose	904768
Fuel cap with lockable venting	900601
Isometer	988641 ⁶⁾⁹⁾
Protection switch FI (earthing set incl.)	904370 ⁶⁾⁸⁾
Waterproof sockets	903051
GW 308	988521 ⁶⁾
Chassis (pre-finished)	988548
Lifting set	911643
Voltmeter	908300 ⁶⁾
Amperemeter	908350 ⁶⁾
Earthing set	908250
Option Economic mode	988901

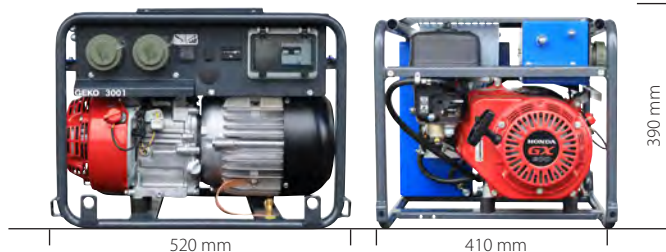


For further accessories, please see the price list

3001

STAGE V **NEW**

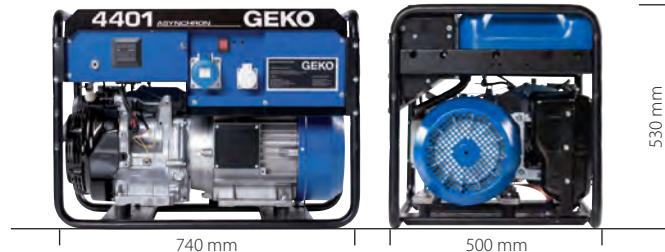
Field of application: average electric tools, hammer drills, angular grinders, lawn mowers, light supply, etc.
Compact design. Operating time with one tank filling up to 8 hours. Automatic low oil level shut down. Two Schuko-sockets. Disengageable starting amplifier.



4401

Sale while stocks last

Silent design with large airfilter and large exhaust muffler for noise reduction. Switchbox operation opposite to the exhaust-pipe. Safe battery implementation into the switch box. Automatic shut down if low oil level is detected. Fuel gauge. Operating time with one tank filling up to 15 hours. One CEE 16A-1ph. socket, one Schuko-socket. Disengageable starting amplifier.



3001 E-AA/HHBA

Order-No.: 986300
GTIN: 4038469237534

Alternator	Asynchronous
El. capacity: 1~ cos φ 1,0	2700 VA
Voltage 1~	230 V
Max. sum. current 1~	13 A
Current 1~ (Schuko)	13 A
(with 20% voltage drop)	17 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Honda GX 200 Low Noise
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	0,6 l
Engine power	3,3 kW
Cooling engine/alternator	Air / Air
Tank capacity	9 l
Operating time: full load/half load	5,75 / 8 h
Weight	55,8 kg
Dimensions L x W x H	540 x 440 x 400 mm
Noise power level L _{WA}	96 dB(A)
Noise pressure (10m)	68 dB(A)

Nach TA-Lärm

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Adapter for exhaust hose	904768
Option Economic	988936 ⁶⁾
T-valve for external fueling	988937 ⁶⁾
Lifting set	988938 ⁶⁾
Insulation control	988939 ⁶⁾
Insulation control with shutdown	988940 ⁶⁾
Option FI (RCD)	988941 ⁶⁾
Tool bag	988935

For further accessories, please see the price list

4401 E-AA/HHBA

Order-No.: 988410
GTIN: 4038469984100

4401 E-AA/HEBA

Order-No.: 988411
GTIN: 4038469984117

Alternator	Asynchronous
El. capacity: 1~ cos φ 1,0	3700 VA
Voltage 1~	230 V
Max. sum. current 1~	16 A
Current 1~ (CEE)	16 A
Current 1~ (Schuko)	16 A
(with 20% voltage drop)	25 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Honda GX 270 Super Silent
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,1 l
Engine power	5,4 kW
Cooling engine/alternator	Air / Air
Tank capacity	20 l
Operating time: full load/half load	8,3 / 15 h
Weight	89 / 97,5 kg with battery
Dimensions L x W x H	740 x 500 x 530 mm
Noise power level L _{WA}	96 dB(A)
Noise pressure (10m)	68 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Adapter for exhaust hose	904880
Remote starting	908246 ¹⁾²⁾⁴⁾⁶⁾
Isometer	903715 ¹⁾⁶⁾⁹⁾
Protection switch FI (earthing set incl.)	904758 ¹⁾⁶⁾⁸⁾
Waterproof sockets	903051 ⁶⁾
GW 308	988522 ¹⁾⁶⁾
Chassis (pre-finished)	988548
Emergency power change-over MNU 1ph. (ext.)	988330
ATS control panel nano external (E-Start)	904774 ⁴⁾⁶⁾
Add. fuel tank 50 l (assembly kit required)	923995 ⁵⁾⁶⁾⁷⁾
Add. fuel tank 100 l (assembly kit required)	923998 ⁵⁾⁶⁾⁷⁾
Add. fuel tank 150 l (assembly kit required)	923963 ⁵⁾⁶⁾⁷⁾
Assembly kit for additional fuel tank	923994 ⁶⁾
Option Economic mode mode (hand start/ e-start)	988902/ 988903

For further accessories, please see the price list

6) Installation only factory-made possible
7) only in conjunction with assembly kit

8) n/a in conjunction with GW 308 or isometer
9) n/a in conjunction with GW 308 or FI protection switch

4401 PS

STAGE V **NEW**

Silent design with large airfilter and large exhaust muffler for noise reduction. Switchbox operation opposite to the exhaust-pipe. Safe battery implementation into the switch box. Automatic shut down if low oil level is detected. Fuel gauge. Disengageable starting amplifier. Operating time with one tank filling up to 14,5 hours. 3x Schuko-socket IP67, 1x 12V DC socket

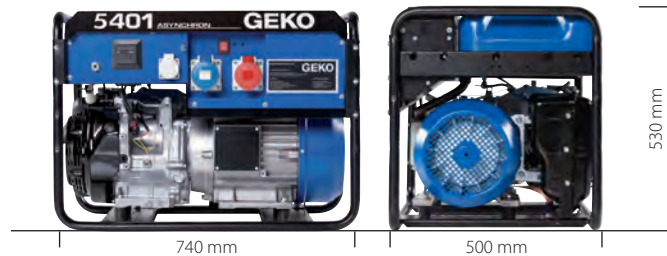


Illustration shows optional accessories

5401

Sale while stocks last

Silent design with large airfilter and large exhaust muffler for noise reduction. Switchbox operation opposite to the exhaust-pipe. Safe battery implementation into the switch box. Automatic shut down if low oil level is detected. Fuel gauge. Disengageable starting amplifier. Operating time with one tank filling up to 14,5 hours. One CEE 16A-3ph. socket, one CEE 16A-1ph. socket, one Schuko-socket.



4401 E-AA/HHBA PS **4401 E-AA/HEBA PS**
 Order-No.: 986386 Order-No.: 986387
 GTIN: 4038469232195 GTIN: 4038469232201

Alternator	Asynchronous
El. capacity: 1~ cos φ 1,0	3700 VA
Voltage 1~	230 V
Max. sum. current 1~	16 A
Current 1~ (Schuko)	16 A
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Honda GX270 RT2
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,1 l
Engine power	4,6 kW
Cooling engine/alternator	Air / Air
Tank capacity	19 l
Operating time: full load/half load	17 / 21 h
Weight	96 / 104 kg with battery
Dimensions L x W x H	736 x 580 x 530 mm
Noise power level L _{WA}	95 dB(A)

Nach TA-Lärm

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Adapter for exhaust hose	904880
Operating control ComAp Nano	988830
Remote start (in combination with ComAp)	988831
Option Economic mode	988832 ²⁾
Insulation control	988833
Insulation control with shutdown	988834
Automatic Choke	988835
ATS control panel nano external 1ph.	988837
Chassis (pre-finished)	988745
Lifting set	911643
Earthing set	908250
Add. fuel tank 80 l	988839
T-valve for external fueling	988828

5401 ED-AA/HHBA **5401 ED-AA/HEBA**
 Order-No.: 988474 Order-No.: 988476
 GTIN: 4038469984742 GTIN: 4038469984766

Alternator	Asynchronous
El. capacity: 3~ cos φ 1,0	4100 VA
El. capacity: 1~ cos φ 1,0	3800 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	5,9 A
Max. sum. current 1~	16,5 A
Current 1~ (CEE)	16 A
Current 1~ (Schuko)	16 A
Max. starting current cos φ 0,6 (with 20% voltage drop)	12,5 A 3~ 22 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Honda GX 270 Super Silent
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,1 l
Engine power	5,4 kW
Cooling engine/alternator	Air / Air
Tank capacity	20 l
Operating time: full load/half load	8 / 14,5 h
Weight	89 / 97,5 kg with battery
Dimensions L x W x H	740 x 500 x 530 mm
Noise power level L _{WA}	96 dB(A)
Noise pressure (10m)	68 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Adapter for exhaust hose	904880
Remote starting	908246 ¹⁾²⁾⁴⁾⁶⁾
Protection switch FI (earthing set incl.)	904390 ¹⁾⁶⁾⁸⁾
Waterproof sockets	903052 ⁶⁾
GW 308	988523 ¹⁾⁶⁾
Chassis (pre-finished)	988548
Standard starting battery	020316 (E-Start)
Emergency power change-over MNU 3ph. (ext.)	988331
ATS control panel nano external (E-Start)	904766 ⁴⁾⁶⁾
Add. fuel tank 50 l (assembly kit required)	923995 ⁵⁾⁶⁾⁷⁾
Add. fuel tank 100 l (assembly kit required)	923998 ⁵⁾⁶⁾⁷⁾
Add. fuel tank 150 l (assembly kit required)	923963 ⁵⁾⁶⁾⁷⁾
Assembly kit for additional fuel tank	923994 ⁶⁾
Option Economic mode (hand start/ e-start)	988904/ 988905

more accessories on the accessories list

5401 PS



NEW

Silent design with large airfilter and large exhaust muffler for noise reduction. Switchbox operation opposite to the exhaust-pipe. Safe battery implementation into the switch box. Automatic shut down if low oil level is detected. Fuel gauge. Disengageable starting amplifier. 3x Schuko-sockets IP67, 1x CEE 1~ 16A IP67, 1x CEE 3~ 16A IP67 1x 12V DC socket



Illustration shows optional accessories

7401

(400V/230V)

Not conform to EU regulations

Silent design with large airfilter and large exhaust muffler for noise reduction. Switchbox operation opposite to the exhaust-pipe. Safe battery implementation into the switch box. Automatic shut down if low oil level is detected. Fuel gauge. One CEE-16A-3ph.-socket, One CEE-32A-1ph.-socket, one Schuko-socket. Disengageable starting amplifier.



5401 ED-AA/HHBA PS

Order-No.: 986388
GTIN: 4038469232218

5401 ED-AA/HEBA PS

Order-No.: 986389
GTIN: 4038469232225

7401 ED-AA/HHBA

Order-No.: 986551
GTIN: 4038469965512

7401 ED-AA/HEBA

Order-No.: 986552
GTIN: 4038469965529

Alternator	Asynchronous
El. capacity: 3~ cos φ 1,0	4100 VA
El. capacity: 1~ cos φ 1,0	3800 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	5,9 A
Max. sum. current 1~	12,26 A
Current 1~ (CEE)	12,26 A
Current 1~ (Schuko)	12,26 A
Max. starting current cos φ 0,6	7,49 A 3~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Honda GX270 RT2
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,1 l
Engine power	4,6 kW
Cooling engine/alternator	Air / Air
Tank capacity	19 l
Operating time: full load/half load	14 / 19 h
Weight	98 / 105 kg with battery
Dimensions L x W x H	736 x 580 x 530 mm
Noise power level L _{WA}	96 dB(A)

Nach TA-Lärm

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Adapter for exhaust hose	904880
Operating control ComAp Nano	988830
Remote start (in combination with ComAp)	988831
Option Economic mode	988832 ²⁾
Insulation control	988833
Insulation control with shutdown	988334
Automatic Choke	988835
ATS control panel nano external 3ph. (E-Start)	988836
Chassis (pre-finished)	988745
Lifting set	911643
Earthing set	908250
Add. fuel tank 80 l	988839
T-valve for external fueling	988828

Alternator	Asynchronous
El. capacity: 3~ cos φ 1,0	6580 VA
El. capacity: 1~ cos φ 1,0	5500 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	9,4 A
Max. sum. current 1~	24 A
Current 1~ (CEE)	24 A
Current 1~ (Schuko)	16 A
Max. starting current cos φ 0,6 (with 20% voltage drop)	25 A 3~ 40 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Honda GX 390 Super Silent
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,1 l
Engine power	7,5 kW
Cooling engine/alternator	Air / Air
Tank capacity	20 l
Operating time: full load/half load	6 / 11 h
Weight	107 / 115 kg with battery
Dimensions L x W x H	740 x 500 x 530 mm
Noise power level L _{WA}	97 dB(A)
Noise pressure (10m)	69 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Adapter for exhaust hose	904880
Remote starting	908246 ¹⁾²⁾⁴⁾⁶⁾
Protection switch FI (earthing set incl.)	904390 ¹⁾⁶⁾⁸⁾
Waterproof sockets	903052 ⁶⁾
GW 308	988553 ¹⁾⁶⁾
Chassis (pre-finished)	988548
Standard starting battery	020316 (E-Start)
Emergency power change-over MNU 3ph. (ext.)	988331
ATS control panel nano external 3ph. (E-Start)	904766 ⁴⁾⁶⁾
Add. fuel tank 50 l (assembly kit required)	923995 ⁵⁾⁶⁾⁷⁾
Add. fuel tank 100 l (assembly kit required)	923998 ⁵⁾⁶⁾⁷⁾
Add. fuel tank 150 l (assembly kit required)	923963 ⁵⁾⁶⁾⁷⁾
Assembly kit for additional fuel tank	923994 ⁶⁾
Option Economic mode (hand start/ e-start)	988910/ 988911

more accessories on the accessories list

6) Installation only factory-made possible
7) only in conjunction with assembly kit

8) n/a in conjunction with GW 308 or isometer
9) n/a in conjunction with GW 308 or FI protection switch

7401 PS (400V/230V)

STAGE V **NEW**

Silent design with large airfilter and large exhaust muffler for noise reduction. Switchbox operation opposite to the exhaust-pipe. Safe battery implementation into the switch box. Automatic shut down if low oil level is detected. Fuel gauge. Disengageable starting amplifier. 3x Schuko-sockets IP67, 1x CEE 1~ 16A IP67, 1x CEE 3~ 16A IP67, 1x 12V DC socket

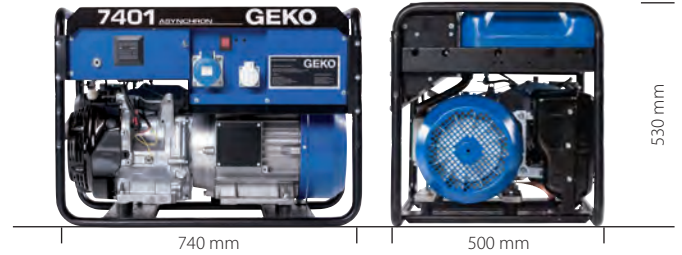


Illustration shows optional accessories

7401 (230V)

Not conform to EU regulations

Silent design with large airfilter and large exhaust muffler for noise reduction. Switchbox operation opposite to the exhaust-pipe. Safe battery implementation into the switch box. Automatic shut down if low oil level is detected. Fuel gauge. Full single phase of 5500 W via one 32A-socket. One CEE-32A-1ph.-socket, one Schuko-socket. Disengageable starting amplifier.



7401 ED-AA/HHBA PS

Order-No.: 986392
GTIN: 4038469232256

7401 ED-AA/HEBA PS

Order-No.: 986393
GTIN: 4038469232263

7401 E-AA/HHBA

Order-No.: 986548
GTIN: 4038469965482

7401 E-AA/HEBA

Order-No.: 986550
GTIN: 4038469965505

Alternator	Asynchronous
El. capacity: 3~ cos φ 1,0	6480 VA
El. capacity: 1~ cos φ 1,0	5150 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	10,4 A
Max. sum. current 1~	24 A
Current 1~ (CEE)	16 A
Current 1~ (Schuko)	16 A
Max. starting current cos φ 0,6	11,9 A 3~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Honda GX390 RT2
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,1 l
Engine power	6,4 kW
Cooling engine/alternator	Air / Air
Tank capacity	19 l
Operating time: full load/half load	6 / 8,25 h
Weight	119 / 126 kg with battery
Dimensions L x W x H	736 x 580 x 530 mm
Noise power level L ^{WA}	96 dB(A)

Nach TA-Lärm

Accessory (optional)	Order-No.
Exhaust hose (Adapter standard)	904872
Operating control ComAp Nano	988830
Remote start (in combination with ComAp)	988831
Option Economic mode	988832 ²⁾
Insulation control	988833
Insulation control with shutdown	988834
Automatic Choke	988835
ATS control panel nano external 3ph. (E-Start)	988836
Chassis (pre-finished)	988745
Lifting set	911643
Earthing set	908250
Add. fuel tank 80 l	988839
T-valve for external fueling	988829

Alternator	Asynchronous
El. capacity: 1~ cos φ 1,0	6400 VA
Voltage 1~	230 V
Max. sum. current 1~	28 A
Current 1~ (CEE)	28 A
Current 1~ (Schuko)	16 A
(with 20% voltage drop)	56 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Honda GX 390 Super Silent
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,1 l
Engine power	7,5 kW
Cooling engine/alternator	Air / Air
Tank capacity	20 l
Operating time: full load/half load	6 / 11 h
Weight	107 / 115 kg with battery
Dimensions L x W x H	740 x 500 x 530 mm
Noise power level L ^{WA}	97 dB(A)
Noise pressure (10m)	69 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Adapter for exhaust hose	904880
Remote starting	908246 ¹⁾²⁾⁴⁾⁶⁾
Protection switch FI (earthing set incl.)	904390 ¹⁾⁶⁾⁸⁾
Waterproof sockets	903051 ⁶⁾
GW 308	988553 ¹⁾⁶⁾
Chassis (pre-finished)	988548
Emergency power change-over MNU 3ph. (ext.)	988331
ATS control panel nano external 1ph. (E-Start)	904776 ⁴⁾⁶⁾
Add. fuel tank 50 l (assembly kit required)	923995 ⁵⁾⁶⁾⁷⁾
Add. fuel tank 100 l (assembly kit required)	923998 ⁵⁾⁶⁾⁷⁾
Add. fuel tank 150 l (assembly kit required)	923963 ⁵⁾⁶⁾⁷⁾
Assembly kit for additional fuel tank	923994 ⁶⁾
Option Economic mode (hand start/ e-start)	988908/ 988909

more accessories on the accessories list

7401 PS (230V)



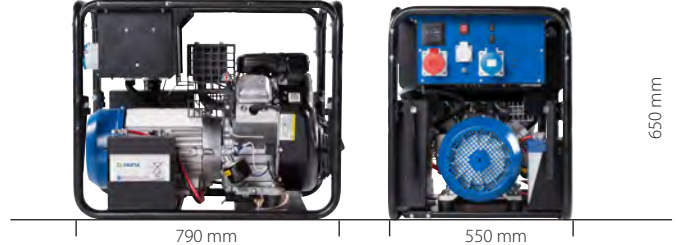
Silent design with large airfilter and large exhaust muffler for noise reduction. Switchbox operation opposite to the exhaust-pipe. Safe battery implementation into the switch box. Automatic shut down if low oil level is detected. Fuel gauge. Disengageable starting amplifier. 3x Schuko-sockets IP67, 1x CEE 1~ 32A IP67, 1x 12V DC socket



Illustrations shows 400V version of genset

9001

Field of application: larger electric tools, compressors, pumps, safety, gas welding units, larger construction-site machines, el. welding. Automatic shut down if low oil level is detected. Full single phase of 6000W via one 32A-socket. One CEE-16A-3ph. socket, one CEE 32A-1ph. socket, one Schuko-socket. Disengageable starting amplifier. T-valve for external fueling included



7401 E-AA/HHBA PS 7401 E-AA/HEBA PS

Order-No.: 986390 Order-No.: 986391
GTIN: 4038469232232 GTIN: 4038469232249

Alternator	Asynchronous
El. capacity: 1~ cos φ 1,0	5400 VA
Voltage 1~	230 V
Max. sum. current 1~	25 A
Current 1~ (CEE)	25 A
Current 1~ (Schuko)	16 A
(with 20% voltage drop)	37,5 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Honda GX390RT2
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,1 l
Engine power	6,4 kW
Cooling engine/alternator	Air / Air
Tank capacity	19 l
Operating time: full load/half load	6,5 / 9 h
Weight	117 / 124 kg with battery
Dimensions L x W x H	736 x 580 x 530 mm
Noise power level L _{WA}	96 dB(A)

Nach TA-Lärm

Zubehör (optional)	Bestell-Nr.
Exhaust hose (Adapter standard)	904872
Operating control ComAp Nano	988830
Remote start (in combination with ComAp)	988831
Option Economic mode	988832 ²⁾
Insulation control	988833
Insulation control with shutdown	988834
Automatic Choke	988835
ATS control panel nano external 1ph. (E-Start)	988836
Chassis (pre-finished)	988745
Lifting set	911643
Earthing set	908250
Add. fuel tank 80 l	988839
T-valve for external fueling	988829

9001 ED-AA/SHBA 9001 ED-AA/SEBA

Order-No.: 986607 Order-No.: 986608
GTIN: 4038469966076 GTIN: 4038469966083

Alternator	Asynchronous
El. capacity: 3~ cos φ 1,0	9000 VA
El. capacity: 1~ cos φ 1,0	6000 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	13 A
Max. sum. current 1~	26 A
Current 1~ (CEE)	26 A
Current 1~ (Schuko)	16 A
Max. starting current cos φ 0,6	30 A 3~
(with 20% voltage drop)	55 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	B&S 18 HP
Number of cylinders	2
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,7 l
Engine power	12,1 kW
Cooling engine/alternator	Air / Air
Tank capacity	10 l
Operating time: full load/half load	2,2 / 3,8 h
Weight	134/138 kg w/o battery
Dimensions L x W x H	790 x 550 x 650 mm
Noise power level L _{WA}	98 dB(A)
Noise pressure (10m)	70 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Remote starting	908257 ¹⁾²⁾⁴⁾⁶⁾
Can fueling set	988530
Protection switch FI (earthing set incl.)	904746 ¹⁾⁶⁾⁸⁾
GW 308	988533 ¹⁾⁶⁾
Chassis (pre-finished)	988548
Standard starting battery (mit Add. fuel tank 10 l)	020316 (E-Start)
Standard starting battery (ohne Add. fuel tank 10 l)	901067 (E-Start)
Emergency power change-over MNU 1ph. (ext.)	988332
ATS control panel nano external 3ph. (E-Start)	904777 ⁴⁾⁶⁾
Add. fuel tank 10 l for hand start / e-start	924144 ⁹⁾ / 900563 ⁶⁾
Add. fuel tank 50 l (standard tank dispenses)	923945 ⁵⁾⁶⁾⁷⁾
Add. fuel tank 100 l (standard tank dispenses)	923949 ⁵⁾⁶⁾⁷⁾
Add. fuel tank 150 l (standard tank dispenses)	924145 ⁵⁾⁶⁾⁷⁾
Fuel extraction device	915230
Option Economic mode (hand start/ e-start)	988912/ 988913

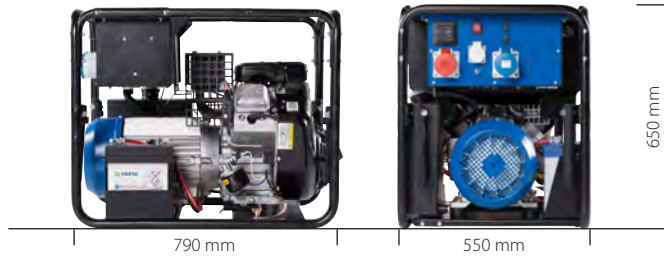
more accessories on the accessories list

6) Installation only factory-made possible
7) only in conjunction with assembly kit

8) n/a in conjunction with GW 308 or isometer
9) n/a in conjunction with GW 308 or FI protection switch

13001

Field of application: larger electric tools, compressors, pumps, safety, gas welding units, larger construction-site machines, el. welding. Automatic shut down if low oil level is detected.
Full single phase of 6000W via one 32A-socket.
One CEE-32A-3ph. socket, one CEE 32A-1ph. socket, one Schuko-socket. T-valve for external fueling included

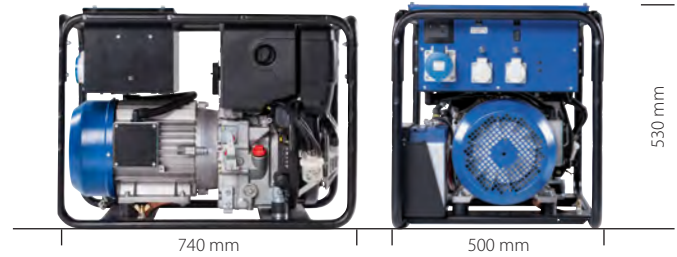


7801

(230V)

DIESEL

Field of application: average electric tools, angular grinders, hammer drills, lawn mower, garden shredders, el. welding.
Extremely long lifetime. Disengageable starting amplifier.
Full single phase of 4500 W via one 32A-socket.
One CEE-32A-1ph.-socket, two Schuko-sockets.



13001 ED-S/SEBA

Order-No.: 986656
GTIN: 4038469966564

Alternator	Synchronous
El. capacity: 3~ cos φ 0,8	13000 VA
El. capacity: 1~ cos φ 0,8	6000 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	18,6 A
Max. sum. current 1~	42 A
Current 1~ (CEE)	26 A
Current 1~ (Schuko)	16 A
Max. starting current cos φ 0,6 (with 20% voltage drop)	30 A 3~ 55 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	B&S 23 HP
Number of cylinders	2
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,7 l
Engine power	13,2 kW
Cooling engine/alternator	Air / Air
Tank capacity	10 l
Operating time: full load/half load	2 / 3,5 h
Weight	138 kg with battery
Dimensions L x W x H	790 x 550 x 650 mm
Noise power level L _{WA}	98 dB(A)
Noise pressure (10m)	70 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Remote starting	908257 ¹⁾²⁾⁴⁾⁶⁾
Can fueling set	988530
Protection switch FI (earthing set incl.)	904400 ¹⁾⁶⁾⁸⁾
GW 308	988479 ¹⁾⁶⁾
Chassis (pre-finished)	988548
Standard starting battery (mit Add. fuel tank 10 l)	020316 (E-Start)
Standard starting battery (ohne Add. fuel tank 10 l)	901067 (E-Start)
Emergency power change-over MNU 3ph. (ext.)	988332
ATS control panel nano external 3ph. (E-Start)	904778 ⁴⁾⁶⁾
Add. fuel tank 10 l	900563 ⁶⁾
Add. fuel tank 50 l (standard tank dispenses)	923945 ⁵⁾⁶⁾⁷⁾
Add. fuel tank 100 l (standard tank dispenses)	923949 ⁵⁾⁶⁾⁷⁾
Add. fuel tank 150 l (standard tank dispenses)	924145 ⁵⁾⁶⁾⁷⁾
Fuel extraction device	915230
Option Economic mode	988915

more accessories on the accessories list

7801 E-AA/ZEDA

Order-No.: 986471
GTIN: 4038469100326

Alternator	Asynchronous
El. capacity: 1~ cos φ 1,0	6400 VA
Voltage 1~	230 V
Max. sum. current 1~	28 A
Current 1~ (CEE)	28 A
Current 1~ (Schuko)	16 A
Max. starting current cos φ 0,6 (with 20% voltage drop)	56 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Hatz 1B50
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Diesel
Engine oil capacity	1,5 l
Engine power	7,6 kW
Cooling engine/alternator	Air / Air
Tank capacity	5 l
Operating time: full load/half load	2,2 / 3,4 h
Weight	132 kg w/o battery
Dimensions L x W x H	740 x 500 x 530 mm
Noise power level L _{WA}	104 dB(A)
Noise pressure (10m)	76 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Adapter for exhaust hose	904762
Remote starting	908252 ¹⁾²⁾⁴⁾⁶⁾
Protection switch FI (earthing set incl.)	904746 ¹⁾⁶⁾⁸⁾
Waterproof sockets	903052 ⁶⁾
GW 308	988534 ¹⁾⁶⁾
Chassis (pre-finished)	988548
Standard starting battery	901067 (E-Start)
Emergency power change-over MNU 3ph. (ext.)	988331
ATS control panel nano external 1ph. (E-Start)	On request ⁴⁾⁶⁾
Add. fuel tank 50 l (assembly kit required)	924149 ⁵⁾⁶⁾⁷⁾
Add. fuel tank 100 l (assembly kit required)	924150 ⁵⁾⁶⁾⁷⁾
Add. fuel tank 150 l (assembly kit required)	924151 ⁵⁾⁶⁾⁷⁾
Assembly kit for additional fuel tank	923996 ⁶⁾

more accessories on the accessories list

7801

(400V/230V)

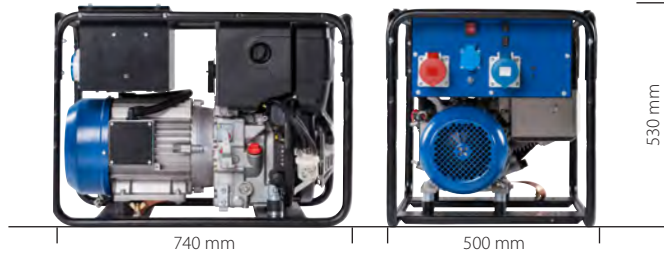
DIESEL

Field of application: average electric tools, angular grinders, hammer drills, lawn mower, garden shredders, el. welding.

Extremely long lifetime. Disengageable starting amplifier.

Full single phase of 4500 W via one 32A-socket.

One CEE-32A-1ph.-socket, one CEE-16A-3ph.-socket, one Schuko-socket



530 mm



7801 ED-AA/ZEDA

Order-No.: 986470

GTIN: 4038469964706

Alternator	Asynchronous
El. capacity: 3~ cos φ 1,0	6400 VA
El. capacity: 1~ cos φ 1,0	4500 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	9,2 A
Max. sum. current 1~	19,5 A
Current 1~ (CEE)	19,5 A
Current 1~ (Schuko)	16 A
Max. starting current cos φ 0,6	19 A 3~
(with 20% voltage drop)	42 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Hatz 1B50
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Diesel
Engine oil capacity	1,5 l
Engine power	7,6 kW
Cooling engine/alternator	Air / Air
Tank capacity	5 l
Operating time: full load/half load	2,2 / 3,4 h
Weight	132 kg w/o battery
Dimensions L x W x H	740 x 500 x 530 mm
Noise power level L _{WA}	104 dB(A)
Noise pressure (10m)	76 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Adapter for exhaust hose	904762
Remote starting	908252 ¹⁾²⁾⁴⁾⁶⁾
Protection switch FI (earthing set incl.)	904746 ¹⁾⁶⁾⁸⁾
Waterproof sockets	903052 ⁶⁾
GW 308	988534 ¹⁾⁶⁾
Chassis (pre-finished)	988548
Standard starting battery	901067 (E-Start)
Emergency power change-over MNU 3ph. (ext.)	988331
ATS control panel nano external 3ph. (E-Start)	904771 ⁴⁾⁶⁾
Add. fuel tank 50 l (assembly kit required)	924149 ⁵⁾⁶⁾⁷⁾
Add. fuel tank 100 l (assembly kit required)	924150 ⁵⁾⁶⁾⁷⁾
Add. fuel tank 150 l (assembly kit required)	924151 ⁵⁾⁶⁾⁷⁾
Assembly kit for additional fuel tank	923996 ⁶⁾
Automatic emergency power switch NS 10 external	988227

more accessories on the accessories list

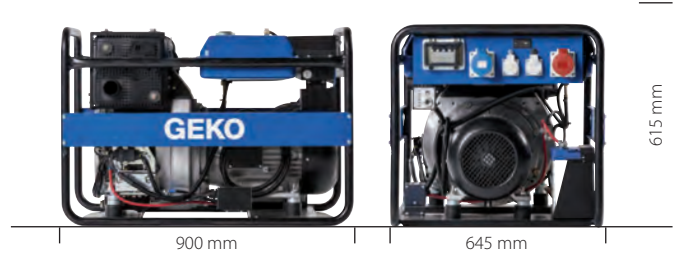
10010

DIESEL

Field of application: larger electric tools, compressors, pumps, safety, gas welding units, larger construction-site machines, el. welding. Automatic shut down if low oil level is detected. Extremely long lifetime.

One CEE-16A-3ph.-socket, One CEE-32A-1ph.-socket, two Schuko-sockets.

Single phase genset: One CEE-63A-1ph.-socket, two Schuko-sockets.



615 mm



10010 E-S/ZEDA

Order-No.: 986809

GTIN: 4038469968094

10010 ED-S/ZEDA

Order-No.: 986808

GTIN: 4038469968087

Alternator	Synchronous
El. capacity: 3~ cos φ 0,8	9800 / - VA
El. capacity: 1~ cos φ 0,8	6000 / 10000 VA
Voltage 3~	- / 400 V
Voltage 1~	230 V
Current 3~	- / 13,8 A
Max. sum. current 1~	26 / 34 A
Current 1~ (CEE)	26 A
Current 1~ (Schuko)	16 A
Max. starting current cos φ 0,6	- / 25 A 3~
(with 20% voltage drop)	45 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Hatz 1D 815
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Diesel
Engine oil capacity	1,1 l
Engine power	10,1 kW
Cooling engine/alternator	Air / Air
Tank capacity	20 l
Operating time: full load/half load	5 / 10 h
Weight	220 kg with battery
Dimensions L x W x H	900 x 645 x 615 mm
Noise power level L _{WA}	106 dB(A)
Noise pressure (10m)	78 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Adapter for exhaust hose	904892
Protection switch FI (earthing set incl.)	904400 ¹⁾⁶⁾⁸⁾
Waterproof sockets 1~	903051 ⁶⁾
Waterproof sockets 3~	903096 ⁶⁾
GW 308	988498 ¹⁾⁶⁾
Chassis (pre-finished)	016976
Standard starting battery	901067 (E-Start)
Emergency power change-over MNU 3ph. (ext.)	988331
ATS control panel nano external 1ph. (E-Start)	On request ⁴⁾⁶⁾
ATS control panel nano external 3ph. (E-Start)	904780 ⁴⁾⁶⁾

more accessories on the accessories list

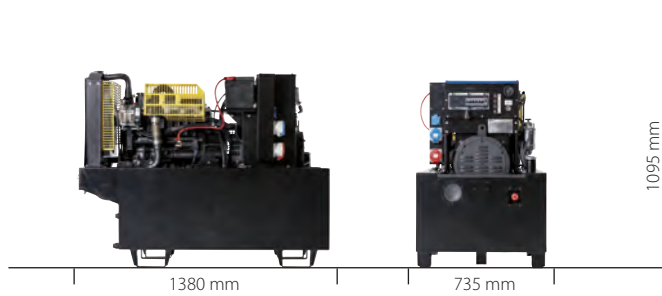
6) Installation only factory-made possible
7) only in conjunction with assembly kit

8) n/a in conjunction with GW 308 or isometer
9) n/a in conjunction with GW 308 or FI protection switch

15014

DIESEL

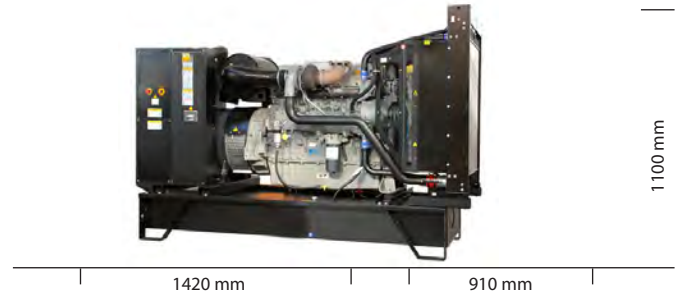
Larger electric tools, compressors, pumps, safety, gas welding units, larger construction-site machines, el. welding. Extremely long lifetime.
 15001 ED-S/MEDA: One CEE-32A -1ph.-socket, one CEE-32A-3ph.-socket, one Schuko-socket.
 15001 E-S/MEDA: clamp connection + one Schuko-socket.



20014

DIESEL

- Industrial diesel engine
- Brushless alternator with AVR regulation
- Base frame with catch basin, fuel tank with electronic fuel level display
- Aftersale-Service world wide



15014 ED-S/MEDA **15014 E-S/MEDA**
 Order-No.: 987244 Order-No.: 987243
 GTIN: 4038469101521 GTIN: 4038469101514

Alternator	Synchronous
El. capacity: 3~ cos φ 0,8	15000 / - VA
El. capacity: 1~ cos φ 0,8	6000 / 15000 VA
Voltage 3~	400 / - V
Voltage 1~	230 V
Current 3~	21,8 A
Max. sum. current 1~	26 / 65 A
Current 1~ (CEE)	26 / 63 A
Current 1~ (Schuko)	16 A
Max. starting current cos φ 0,6 (with 20% voltage drop)	30 / - A 3~ 32 / 89 A 1~
Frequency	50 Hz
Safety class alternator	IP 23
Engine type	Mitsubishi S4L2
Number of cylinders	4
Rotation-speed (3000 1/min)	1500 U min ⁻¹
Fuel type	Diesel
Engine oil capacity	5,6 l
Engine power	13,6 kW
Cooling engine/alternator	Water / Air
Tank capacity	210 l
Operating time: full load/half load	50 / 85 h
Weight	520 kg w/o battery
Dimensions L x W x H	1380 x 735 x 1095 mm
Noise power level L _{WA}	93 dB(A)
Noise pressure (10m)	65 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Remote starting	908252 ¹⁾²⁾⁴⁾⁶⁾
Waterproof sockets	903052 ⁶⁾
Earthing set	908250
Protection switch FI (earthing set incl.)	904400 ¹⁾⁶⁾⁸⁾
GW 308	988518 ¹⁾⁶⁾
Standard starting battery	901059
Exhaust shaft	923534
Emergency power change-over MNU 3ph. (ext.)	988332
Coolant pre heater	904836 ⁶⁾
Automatic emergency power switch NS10 3ph. (ext.)	988227
GSM Modem for NS10	904849

20014 ED-S/DEDA
 Order No.: 986992
 GTIN: 4038469100333

Alternator	
Alternator type	Synchronous
Variable Prime Power (PRP)	20 kVA
Limited time power (LTP)	21,3 kVA
Power factor cos φ	0,8
Voltage	400 V / 230 V
Frequency	50 Hz
Protection class alternator	IP 23
Engine	
Engine manufacturer	Deutz
Engine type	F3M2011
Engine power (PRP/LTP)	19,4 / 20,4 kW
Engine regulator	mechanic
Cylinders	3
Rotation speed	1.500 U min ⁻¹
Cubic capacity	2.330 cm ³
Starter	12 V
Air intake	Aspirated
Cooling system	Oil
Fuel type	Diesel
Engine oil quantity	8,5 l
Antifreeze quantity	- l

Fuel capacity & consumption	
Fuel capacity	160 l
Consumption at 100% (PRP)	5,3 l/h
Consumption at 75% (PRP)	4 l/h
Consumption at 50% (PRP)	3,1 l/h
Consumption at 25% (PRP)	2,5 l/h

Dimensions, Weight, Noise level	
Length	1420 mm
Width	910 mm
Height	1100 mm
Weight	610 kg

Accessory (optional)	Order-No.
Earthing set	908250
Cold start Equipment	985717
Oil pre heater	985730
Valve for external fueling	988574
Automatic emergency power switch NS 10 external	988227
GSM Modem for NS10	904849
Additional fuel tank 500 l	985510
Water separator	985632



Type	Order No.	Power kVA	Length mm	Width mm	Height mm	Weight kg	Engine	Type of Engine
30014 ED-S/DEDA	986994	30	1560	930	1150	700	Deutz	F4M2011
40014 ED-S/DEDA	986996	40	1620	935	1230	680	Deutz	BF4M2011
60014 ED-S/DEDA	985801	60	1790	960	1270	800	Deutz	BF4M2011C
100014 ED-S/DEDA	985803	100	2120	940	1580	1160	Deutz	BF4M1013EC
130014 ED-S/DEDA	985805	130	2300	1090	1800	1570	Deutz	BF4M1013FC
150014 ED-S/DEDA	985807	160	2503	1116	1756	1760	Deutz	BF6M1013EC
200014 ED-S/DEDA	985809	200	2655	1113	1915	2100	Deutz	BF6M1013FCG3
250014 ED-S/DEDA	985811	250	2700	1080	1900	2350	Deutz	TCD2013L064V
300010 ED-S/VEDA	986949	300	3000	1275	2020	3200	Volvo-Penta	TAD1341GE
380010 ED-S/VEDA	986950	378	3114	1275	2020	3410	Volvo-Penta	TAD1343GE
400010 ED-S/VEDA	986951	410	3120	1280	2020	3300	Volvo-Penta	TAD1344GE
450010 ED-S/VEDA	986952	450	3120	1280	2020	3450	Volvo-Penta	TAD1345GE
500010 ED-S/VEDA	986953	505	3300	1300	2250	3750	Volvo-Penta	TAD1641GE
570010 ED-S/VEDA	986954	591	3360	1300	2250	4270	Volvo-Penta	TAD1642GE
620010 ED-S/VEDA	986955	630,0	3460	1350	2300	4230	Volvo-Penta	TWD1643GE
730010 ED-S/KEDA	986956	750,0	4000	2100	2100	7300	Perkins	4006-23TAG2A
800010 ED-S/KEDA	986957	800,0	4000	2100	2100	7300	Perkins	4006-23TAG3A
1035010 ED-S/KEDA	986958	1035,0	5018	2062	2175	8410	Perkins	4008TAG2A
1253010 ED-S/KEDA	986959	1253,0	5230	2030	2368	9800	PERKINS	4012-46TWG2A
1500010 ED-S/KEDA	986960	1500,0	5230	2030	2352	12150	PERKINS	4012-46TAG2A
1700010 ED-S/KEDA	986961	1705,0	5230	2198	2373	11208	PERKINS	4012-46TAG3A
2000010 ED-S/KEDA	986962	2000,0	-	-	-	-	PERKINS	4016-61TRG2

Datasheets available on our homepage: www.geko.com. Accessories like cold start equipment, blackout controls or synchronizations on request.

Welding

PROFESSIONAL WELDING GENSETS

Integrated welding sockets

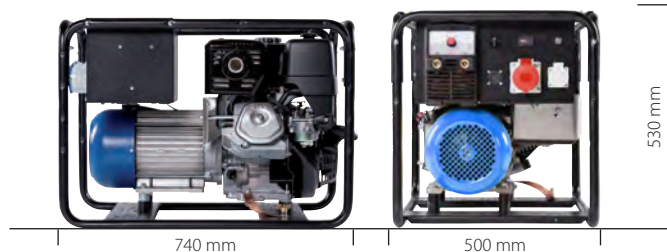
High mobility

Convincing technology



6410 Welding

Field of application: electric tools, angular grinders, hammer drills, lawn mowers, water pumps. Welding gen-set.
Automatic shut down if low oil level is detected.
One CEE-16A-3ph.-socket, one Schuko-socket, big welding plug sockets.
Delivery without battery. Integrated Lorch Handy 200 welder, power and welding at the same time!



6410 EDW-A/HHBA Order-No.: 986230 GTIN: 4038469962306	6410 EDW-A/HEBA Order-No.: 986231 GTIN: 4038469962313
--	--

Alternator	Asynchronous
El. capacity: 3~ cos φ 1,0	5900 VA
El. capacity: 1~ cos φ 1,0	5000 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	8,2 A
Current 1~ (Schuko)	16 A
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	GX390 Low Noise
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,1 l
Engine power	7,5 kW
Cooling engine/alternator	Air / Air
Tank capacity	6,5 l
Operating time: full load/half load	2 / 3,5 h
Weight	102 kg w/o battery
Dimensions L x W x H	740 x 500 x 530 mm
Welding current	10 - 200 A
Elektrodes	1,5 - 5 mm Ø
CEL	1,5 - 3,2 mm Ø
Noise power level L ^{wa}	98 dB(A)
Noise pressure (10m)	70 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Adapter for exhaust hose	904879
Earthing set	908250
Chassis (pre-finished)	988548
Standard starting battery	020316 (E-Start)
Lifting set	911643

6410 Welding

DIESEL

Field of application: electric tools, angular grinders, hammer drills, lawn mowers, water pumps. Welding gen-set.
Automatic shut down if low oil level is detected.
One CEE-16A-3ph.-socket, one Schuko-socket, big welding plug sockets.
Delivery without battery. Integrated Lorch Handy 200 welder, power and welding at the same time!



6410 EDW-A/ZEDA Order-No.: 986233 GTIN: 4038469100845
--

Alternator	Asynchronous
El. capacity: 3~ cos φ 1,0	5900 VA
El. capacity: 1~ cos φ 1,0	5000 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	8,2 A
Current 1~ (Schuko)	16 A
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Hatz 1B50
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Diesel
Engine oil capacity	1,5 l
Engine power	7,6 kW
Cooling engine/alternator	Air / Air
Tank capacity	5 l
Operating time: full load/half load	2,2 / 3,5 h
Weight	117 kg w/o battery
Dimensions L x W x H	790 x 550 x 650 mm
Welding current	10 - 200 A
Elektrodes	1,5 - 5 mm Ø
CEL	1,5 - 3,2 mm Ø
Noise power level L ^{wa}	100 dB(A)
Noise pressure (10m)	72 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Adapter for exhaust hose	904887
Earthing set	908250
Chassis (pre-finished)	988548
Standard starting battery	901067
Lifting set	911643



Super Silent

HARDLY AUDIBLE. STRONG PERFORMANCE.

**Super Silent due to sound
absorbing canopy**

High mobility

Convincing technology





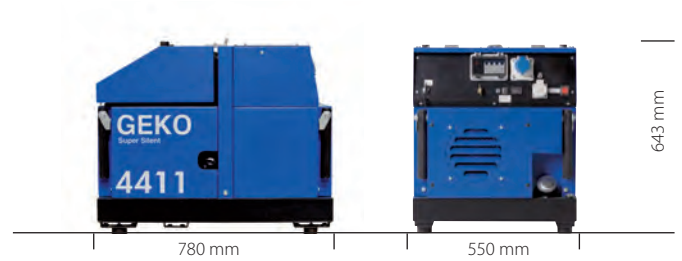
3011

Compact, sound proofed design. Cover easy removable for maintenance. Automatic shutdown at low oil level. Starting amplifier. Operating time counter. Two Schuko-Sockets.



4411

Silent design with large airfilter and large exhaust muffler for noise reduction.. Automatic shut down if low oil level is detected. Fuel gauge. Operating time with one tank filling up to 17 hours. Disengageable starting amplifier. One CEE 16A-1ph. socket, one Schuko-socket.



3011 E-AA/HHBA SS
Order-No.: 986240
GTIN: 4038469100135

3011 E-AA/HEBA SS
Order-No.: 986241
GTIN: 4038469100074

Alternator	Asynchronous
El. capacity: 1~ cos φ 1,0	3000 VA
Voltage 1~	230 V
Current 1~ (Schuko)	13 A
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Honda GX200
Cylinders	1
Rotation-speed	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	0,6 l
Engine power (3000 1/min)	4,1 kW
Cooling engine/alternator	Air / Air
Tank capacity	13 l
Operating time: full load/half load	8 / 14,5 h
Weight	65 kg
Dimensions L x W x H	545 x 450 x 465 mm
Noise power level L _{WA}	92 dB(A)
Noise pressure (10m)	64 dB(A)

4411 E-AA/HHBA SS
Order-No.: 988422
GTIN: 4038469100241

4411 E-AA/HEBA SS
Order-No.: 988423
GTIN: 4038469100159

Alternator	Asynchronous
El. capacity: 1~ cos φ 1,0	3700 VA
Voltage 1~	230 V
Max. sum. current 1~	16 A
Current 1~ (CEE)	16 A
Current 1~ (Schuko)	16 A
(with 20% voltage drop)	25 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Honda GX 270 Super Silent
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,1 l
Engine power	5,4 kW
Cooling engine/alternator	Air / Air
Tank capacity	23 l
Operating time: full load/half load	9,5 / 17 h
Weight	140 kg
Dimensions L x W x H	780 x 550 x 643 mm
Noise power level L _{WA}	93 dB(A)
Noise pressure (10m)	65 dB(A)

Accessory (optional)	Order-No.
GW 308	988471
Exhaust hose	904872
Waterproof sockets	903051 ⁶⁾
Protection switch FI (earthing set incl.)	904399 ¹⁾⁶⁾⁸⁾

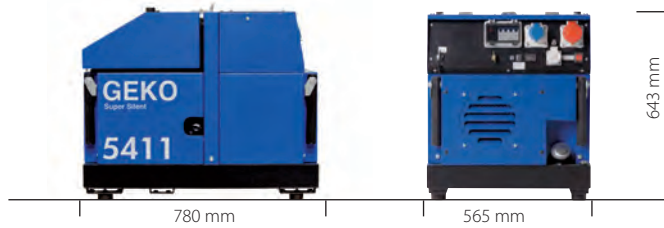
Accessory (optional)	Order-No.
Exhaust hose	904872
Waterproof sockets	903051 ⁶⁾
Earthing set	908250
GW 308 external	018520
Emergency power change-over MNU 1ph. (ext.)	988330
Automatic emergency power switch NS 10 internal	904733
Add. fuel tank 100 l	924158 ⁵⁾⁶⁾
Option Economic mode mode (hand start/ e-start)	988917/ 988920
Lockable fuel tank cap	900615
Chassis (pre-finished)	908286
Remote starting	908288

6) Installation only factory-made possible
7) only in conjunction with assembly kit

8) n/a in conjunction with GW 308 or isometer
9) n/a in conjunction with GW 308 or FI protection switch

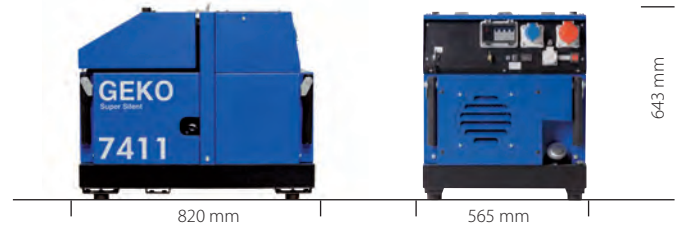
5411

Silent design with large airfilter and large exhaust muffler for noise reduction.. Automatic shut down if low oil level is detected. Fuel gauge. Operating time with one tank filling up to 16,5 hours. Eine CEE 16A-3ph. Steckdose, eine CEE 16A-1ph. One CEE 16A-3ph. socket, one CEE 16A-1ph. socket, one Schuko-socket. Disengageable starting amplifier.



7411

Silent design with large airfilter and large exhaust muffler for noise reduction.. Automatic shut down if low oil level is detected. Fuel gauge. Operating time with one tank filling up to 12,5 hours. One CEE 16A-3ph. socket, one CEE 16A-1ph. socket, one Schuko-socket. Disengageable starting amplifier



5411 ED-AA/HHBA SS

Order-No.: 988426
GTIN: 4038469100258

5411 ED-AA/HEBA SS

Order-No.: 988427
GTIN: 4038469100166

Alternator	Asynchronous
El. capacity: 3~ cos φ 1,0	4000 VA
El. capacity: 1~ cos φ 1,0	3600 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	5,8 A
Max. sum. current 1~	16 A
Current 1~ (CEE)	16 A
Current 1~ (Schuko)	16 A
Max. starting current cos φ 0,6 (with 20% voltage drop)	12,5 A 3~ 22 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Honda GX 270 Super Silent
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,1 l
Engine power	5,4 kW
Cooling engine/alternator	Air / Air
Tank capacity	23 l
Operating time: full load/half load	9 / 16,5 h
Weight	140 kg
Dimensions L x W x H	780 x 565 x 643 mm
Noise power level L _{wa}	93 dB(A)
Noise pressure (10m)	65 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872
Waterproof sockets	903052 ⁶⁾
Earthing set	908250
GW 308 external	018520
Emergency power change-over MNU 3ph. (ext.)	988331
Automatic emergency power switch NS 10 (ext.)	988253
Add. fuel tank 100 l	924158 ⁵⁾⁶⁾
Option Economic mode mode (hand start/ e-start)	988918/ 988921
Lockable fuel tank cap	900615
Chassis (pre-finished)	908286
Remote starting	908288

7411 ED-AA/HHBA SS

Order-No.: 988434
GTIN: 4038469100265

7411 ED-AA/HEBA SS

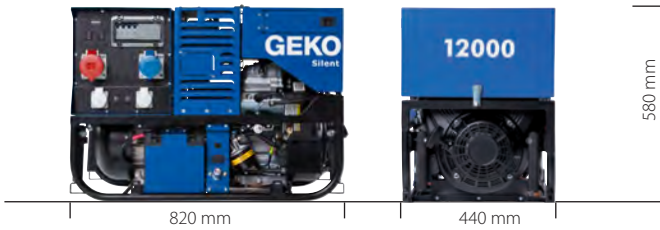
Order-No.: 988435
GTIN: 4038469100043

Alternator	Asynchronous
El. capacity: 3~ cos φ 1,0	6500 VA
El. capacity: 1~ cos φ 1,0	5520 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	9,4 A
Max. sum. current 1~	24 A
Current 1~ (CEE)	24 A
Current 1~ (Schuko)	16 A
Max. starting current cos φ 0,6 (with 20% voltage drop)	25 A 3~ 40 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Honda GX 390 Super Silent
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,1 l
Engine power	7,5 kW
Cooling engine/alternator	Air / Air
Tank capacity	23 l
Operating time: full load/half load	7 / 12,5 h
Weight	162 kg
Dimensions L x W x H	820 x 565 x 643 mm
Noise power level L _{wa}	93 dB(A)
Noise pressure (10m)	65 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872
Waterproof sockets	903052 ⁶⁾
Earthing set	908250
GW 308	988469
Emergency power change-over MNU 3ph. (ext.)	988331
Automatic emergency power switch NS 10	988253
Add. fuel tank 100 l	924158 ⁵⁾⁶⁾
Option Economic mode mode (hand start/ e-start)	988919/ 988922
Lockable fuel tank cap	900615
Chassis (pre-finished)	908286
Remote starting	908288
Can fueling set	988530
T-valve for external fueling	018260

12000

Range of applications: larger electric tools, compressors, garden shredders or circular hand saws, el. welding. Compact, silent design. Automatic shut down if low oil level is detected. One CEE 32A-3ph. socket, one CEE 32A-1ph. socket, two Schuko-sockets.



12000 ED-S/SEBA S

Order-No.: V5123

GTIN: 4038469100128

Alternator	Synchronous
El. capacity: 3~ cos φ 0,8	12000 VA
El. capacity: 1~ cos φ 0,8	6000 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	17 A
Max. sum. current 1~	42 A
Current 1~ (CEE)	26 A
Current 1~ (Schuko)	16 A
Max. starting current cos φ 0,6 (with 20% voltage drop)	30 A 3~ 55 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	B&S 21 HP
Number of cylinders	2
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,7 l
Engine power	11,8 kW
Cooling engine/alternator	Air / Air
Tank capacity	16,5 l
Operating time: full load/half load	4 / 6,5 h
Weight	148 kg with battery
Dimensions L x W x H	820 x 440 x 580 mm
Noise power level L _{WA}	96 dB(A)
Noise pressure (10m)	68 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Remote starting	908244 ¹⁾²⁾⁴⁾⁶⁾
Can fueling set	988530
Protection switch FI (earthing set incl.)	904400 ¹⁾⁶⁾⁸⁾
GW 308	988611 ¹⁾⁶⁾
Chassis (pre-finished, heat conduction plate required)	988548
Heat conduction plate for chassis	923669
Emergency power change-over MNU 3ph. (ext.)	988332
Blackout-Control BLC (extern)	988278 ⁴⁾⁶⁾
Waterproof sockets	903097 ⁶⁾
Fuel extraction device	915230

14000 cube

NEW

As standard a 12V DC socket for the connection of 12V consumers, Powerful synchronous generator for high starting currents, carrying handles. One CEE 16A-3ph. socket, 2 Schuko-sockets (16A)

Optional with IT/TN-Switchover



Images showing optional accessories like IT/TN-switchover and additional Schuko-socket

14000 ED-S/SEBA RSS cube

Order-No.: 986556

GTIN: 4038469232164

Alternator	Synchronous
El. capacity: 3~ cos φ 0,8	13400 VA
El. capacity: 1~ cos φ 0,8	5900 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	17,3 A
Current 1~ (Schuko)	16 A
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	B&S 386447
Number of cylinders	2
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,7 l
Engine power	13,2 kW
Cooling engine/alternator	Air / Air
Tank capacity	19,5 l
Operating time: full load/half load	3,4/6,75 h
Weight	147,5 kg
Dimensions L x W x H	820 x 440 x 580 mm
Noise power level L _{WA}	95 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904890
Insulation control	018372
Insulation control with shutdown	018369
Additional Schuko socket	018370
IT/TN-Switchover	018371
Controlpanel ComAp Nano	018373
Pole reversing switch	018374
ATS control panel nano external	018375
Remote start (only with ComAp nano)	018377
T-valve for external fueling	018339
Can fueling set	988530
Option Economic	018338

6) Installation only factory-made possible
7) only in conjunction with assembly kit

8) n/a in conjunction with GW 308 or isometer
9) n/a in conjunction with GW 308 or FI protection switch

17000 cube PMG

**Demnächst
erhältlich**

Ausstattung:

Serienmäßig eine 12V DC Steckdose zum Anschluss von 12V Verbrauchern, leistungsstarker Synchrongenerator für hohe Anlaufströme, Tragegriffe. 1x Drehstrom-CEE Steckdose (32A), 1x Wechselstrom-CEE Steckdose (32A), 2x Schuko-Steckdosen (16A)

Optional mit IT/TN-Netzumschaltung

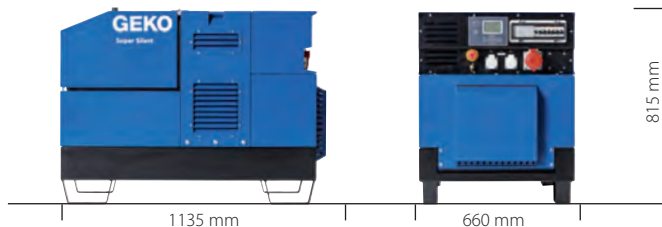


Abbildung zeigt optionales Zubehör wie IT/TN-Netzumschaltung und zusätzliche Schuko-Steckdose

18000

NEW

Field of application: larger electric tools, compressors, garden shredders or circular hand saws, el. welding. Compact, silent design. Automatic shut down if low oil level is detected. One CEE 32A-3ph. socket, one CEE 32A-1ph. socket, two Schuko-sockets.



17000 ED-P/SEBA SS cube PMG
Bald verfügbar.

Melden Sie sich an unserem Newsletter an und erhalten Sie sofort bescheid sobald der **17000 ED-S/SEBA SS cube PMG** verfügbar ist.
www.metallwarenfabrik.com



18000 ED-S/SEBA SS

Order-No.: 986869
GTIN: 4038469968964

Alternator	Synchronous
El. capacity: 3~ cos φ 0,8	18000 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	26 A
Frequency	50 Hz
Safety class alternator	IP 23
Engine type	B&S 31 HP
Number of cylinders	2
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	2,3 l
Engine power	22,8 kW
Starter Batterie	12 V / 40 Ah
Cooling engine/alternator	Air / Air
Tank capacity	22 l
Consumption: 100% load / 75% Load	7 / 5,8 l/h
Weight	280 kg with battery
Dimensions L x W x H	1135 x 660 x 815 mm
Noise power level L _{WA}	93 dB(A)
Noise pressure (10m)	73 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872
Earthing set	908250
Protection switch FI (earthing set incl.)	904791 ¹⁾⁶⁾⁸⁾
Standard starting battery	901059
Automatic emergency power switch NS 10 internal	904730
Automatic emergency power switch NS 10 external	988227
Insulation control with shutdown	988475
Remote starting	908245

6000 cube diesel

DIESEL

Field of application: medium electric tools
 Compact, silent design. Automatic shut down if low oil level is detected.
 One CEE 16A-3ph. socket, two Schuko-sockets.
 Standard with E-start.



6000 ED-AA/REDA RSS cube

Order-No.: 986557

GTIN: 4038469233369

Alternator	Asynchronous
El. capacity: 3~ cos φ 1,0	5000 VA
El. capacity: 1~ cos φ 1,0	3600 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	8 A
Current 1~ (Schuko)	16 A
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Yanmar L100
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Diesel
Engine oil capacity	0,6 l
Engine power	6,4 kW
Cooling engine/alternator	Air / Air
Tank capacity	8,4 l
Consumption: 100% load / 75% Load	4,25/6,5 h
Weight	153 kg
Dimensions L x W x H	757 x 440 x 580 mm
Noise power level L _{WA}	98 dB(A)
Noise pressure (10m)	70 dB(A)

Accessory (optional)	Order-No.
IT/TN-Switchover (including LED lighting)	988555
LED control panel, fuel intake lighting	018352
Option MagCode PowerClipPro	988556
Option Tyco Connector	988557
Option DIN14690 Build-in Socket	988558
Jump start NATO	988559
Insulation control	988564
Insulation control with shutdown	988560
Additional Schuko Socket	018370
External Fueling	988554
Operating control ComAp Nano	988562
Remote starting (only with 988562)	988561
ATS control panel nano extern	988563

STAGE II



6) Installation only factory-made possible
 7) only in conjunction with assembly kit

8) n/a in conjunction with GW 308 or isometer
 9) n/a in conjunction with GW 308 or FI protection switch

Power Generator Systems from 40 kVA

STAGE II

DIESEL



Type	Order No.	Power kVA	Length mm	Width mm	Height mm	Weight kg	Engine	Type of Engine
40014 ED-S/DEDA SS	986930	40	2000	910	1600	1160	Deutz	BF4M2011
60014 ED-S/DEDA SS	986998	60	2260	1020	1705	1260	Deutz	BF4M2011C
100014 ED-S/DEDA SS	985813	100	2560	1040	1805	1460	Deutz	BF4M1013EC
130014 ED-S/DEDA SS	986935	130	3060	1140	2230	1920	Deutz	BF4M1013FC
150014 ED-S/DEDA SS	985815	160	3060	1140	2230	2000	Deutz	BF6M1013EC
200014 ED-S/DEDA SS	985817	200	3230	1140	2230	2460	Deutz	BF6M1013FCG3
250014 ED-S/DEDA SS	985820	250	3230	1140	2230	2660	Deutz	TCD2013L064V
300010 ED-S/VEDA SS	986936	300	4000	1295	2420	3990	Volvo-Penta	TAD1341GE
380010 ED-S/VEDA SS	986937	378	4000	1300	2414	4430	Volvo-Penta	TAD1343GE
400010 ED-S/VEDA SS	986938	410	4000	1300	2414	4420	Volvo-Penta	TAD1344GE
450010 ED-S/VEDA SS	986939	450	4000	1300	2414	5020	Volvo-Penta	TAD1345GE
500010 ED-S/VEDA SS	986840	505	4500	1840	2540	6490	Volvo-Penta	TAD1641GE
570010 ED-S/VEDA SS	986941	591	4500	1840	2540	7060	Volvo-Penta	TAD1642GE
620010 ED-S/VEDA SS	986942	630	4500	1840	2540	6970	Volvo-Penta	TWD1643GE
730010 ED-S/KEDA SS	986943	750	5700	2200	2950	9200	Perkins	4006-23TAG2A
800010 ED-S/KEDA SS	986944	800	5700	2200	2950	8800	Perkins	4006-23TAG3A
1035010 ED-S/KEDA SS	986945	1035	8600	2200	3000	11710	Perkins	4008TAG2A
1253010 ED-S/KEDA SS	986946	1253	8600	2200	3400	14100	Perkins	4012-46TWG2A
1500010 ED-S/KEDA SS	986947	1505	8600	2350	3400	14300	Perkins	4012-46TAG2A
1700010 ED-S/KEDA SS	986948	1705	8600	2360	3460	15500	Perkins	4012-46TAG3A

Datasheets available on our homepage: www.geko.com. Accessories like cold start equipment, blackout controls or synchronizations on request.

Stage II gensets are not conform to EU regulations

STAGE IIIA

15014

DIESEL

Field of application: larger electric tools, compressors, pumps, safety, gas welding units, larger construction-site machines, el. welding. Extremely long lifetime. Inselsteuerung IS 10.

15014 ED-S/MEDA: one CEE-32A -3ph.-socket, one Schuko-socket.

15014 E-S/MEDA: clamp connection + one Schuko-socket.



15014 ED-S/MEDA SS Order-No.: 987240 GTIN: 4038469101354	15014 E-S/MEDA SS Order-No.: 987239 GTIN: 4038469101361
---	--

Alternator	Synchronous
El. capacity: 3~ cos φ 0,8	15000 / - VA
El. capacity: 1~ cos φ 0,8	6000 / 15000 VA
Voltage 3~	400 / - V
Voltage 1~	230 V
Current 3~	21,6 A
Max. sum. current 1~	26 / 65 A
Current 1~ (CEE)	26 / 63 A
Current 1~ (Schuko)	16 A
Max. starting current cos φ 0,6 (with 20% voltage drop)	30 / - A 3~ 32 / 89 A 1~
Frequency	50 Hz
Safety class alternator	IP 23
Engine type	Mitsubishi S4L2
Number of cylinders	4
Rotation-speed (3000 1/min)	1500 U min ⁻¹
Fuel type	Diesel
Engine oil capacity	6,0 l
Engine power	13,6 kW
Cooling engine/alternator	Water / Air
Tank capacity	205 l
Operating time: full load/half load	50 / 85 h
Weight	650 kg
Dimensions L x W x H	1645 x 735 x 1180 mm
Noise power level L _{WA}	92 dB(A)
Noise pressure (10m)	64 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Waterproof sockets	903058 ⁶⁾
Earthing set	908250
Protection switch FI (earthing set incl.)	904400 ¹⁾⁵⁾⁸⁾
GW 308	988450 ¹⁾⁶⁾
Standard starting battery	901059
Emergency power change-over MNU 3ph. (ext.)	988331
Coolant pre heater	904836 ⁶⁾
Automatic emergency power switch NS 10 3ph. int.	904738
Automatic emergency power switch NS 10 1ph. int.	904730
Automatic emergency power switch NS 10 external	988227
Road trailer (rigid drawbar)	988201 ⁶⁾
Road trailer (adjustable drawbar)	988200 ⁶⁾

6) Installation only factory-made possible
7) only in conjunction with assembly kit

8) n/a in conjunction with GW 308 or someter
9) n/a in conjunction with GW 308 or FI protection switch

20015

STAGE III A

DIESEL

Super silent design with oil cooled Deutz engine.
 Fuel level indicator. Running time counter. Voltmeter.
 Amperemeter. Emergency pushbutton. Operating time with one tank filling up to 60 hours at 75% load.
 One CEE 400V 32A socket, one CEE 400V 16A socket, 1x Schuko -socket



20015 ED-S/DEDA SS	
Order-No.: 987246 GTIN: 4038469189895	
Alternator	MeccAlte
Alternator type	Synchronous
Variable Prime Power (PRP)	20 kVA
Power factor cos φ	0,8
Voltage	400 V / 230 V
Frequency	50 Hz
Protection class alternator	IP 23
Engine	
Engine manufacturer	Deutz
Engine type	D2011 L3
Engine power (PRP)	20,4 kW
Engine regulator	mechanic
Cylinders	3
Rotation speed	1.500 U min ⁻¹
Starter	12 V
Cooling system	Oil
Fuel type	Diesel
Engine oil quantity	5,5 l
Fuel capacity & consumption	
Fuel capacity	235 l
Consumption at 100% (PRP)	5,0 l/h
Consumption at 50% (PRP)	3,9 l/h
Dimensions, Weight, Noise level	
Length	1915 mm
Width	800 mm
Height	1200 mm
Weight	795 kg
Sound pressure 7m	64 dBA

Zubehör (optional)	Bestell-Nr.
Cold start equipment	904718
Oil pre heater	904838
Protection switch FI (earthing set incl.)	904791
Standard starting battery	901059
Road trailer (rigid drawbar)	988201 ⁶⁾
Road trailer (adjustable drawbar)	988200 ⁶⁾
Automatic emergency power switch NS 10 internal	904750
Automatic emergency power switch NS 10 external	988227
Insulation control with shutdown	985570 ¹⁾⁶⁾

30015

STAGE III A

DIESEL

Super silent design with oil cooled Deutz engine.
 Fuel level indicator. Running time counter. Voltmeter.
 Amperemeter. Emergency pushbutton. Operating time with one tank filling up to 44 hours at 75% load.
 One CEE 400V 32A socket, one CEE 400V 16A socket, 1x Schuko -socket



30015 ED-S/DEDA SS	
Order-No.: 987248 GTIN: 4038469189918	
Alternator	MeccAlte
Alternator type	Synchronous
Variable Prime Power (PRP)	30 kVA
Power factor cos φ	0,8
Voltage	400 V / 230 V
Frequency	50 Hz
Protection class alternator	IP 23
Engine	
Engine manufacturer	Deutz
Engine type	D2011 L4
Engine power (PRP)	30,9 kW
Engine regulator	mechanic
Cylinders	4
Rotation speed	1.500 U min ⁻¹
Starter	12 V
Cooling system	Oil
Fuel type	Diesel
Engine oil quantity	10 l
Fuel capacity & consumption	
Fuel capacity	235 l
Consumption at 100% (PRP)	7,3 l/h
Consumption at 50% (PRP)	5,3 l/h
Dimensions, Weight, Noise level	
Length	1915 mm
Width	800 mm
Height	1200 mm
Weight	870 kg
Sound pressure 7m	65 dBA

Zubehör (optional)	Bestell-Nr.
Cold start equipment	904718
Oil pre heater	904838
Protection switch FI (earthing set incl.)	904792
Standard starting battery	901059
Road trailer (rigid drawbar)	988201 ⁶⁾
Road trailer (adjustable drawbar)	988200 ⁶⁾
Automatic emergency power switch NS 10 internal	904742
Automatic emergency power switch NS 10 external	985742
Insulation control with shutdown	988518 ¹⁾⁶⁾

60015

STAGE III A DIESEL

- Industrial diesel engine
- Brushless alternator with AVR regulation
- Base frame with catch basin, fuel tank with electronic fuel level display
- Sound improved canopy made of fire galvanized steel with powder paint
- Sound improved materials made of polyester fiber with increased noise reduction
- Exhaust pipes specially covered with mineral fiber insulation
- Aftersale-Service world wide



60015 ED-S/IEDA SS

Order No.: 985827
GTIN: 4038469100630

Alternator	Stamford
Alternator type	Synchronous
Variable Prime Power (PRP)	60 kVA
Limited time power (LTP)	66 kVA
Power factor cos φ	0,8
Voltage	400 V / 230 V
Frequency	50 Hz
Protection class alternator	IP 23
Engine	
Engine manufacturer	Iveco
Engine type	N45SM1F
Engine power (PRP/LTP)	53,5 / 59,0 kW
Engine regulator	mechanic
Cylinders	4
Rotation speed	1.500 U min ⁻¹
Cubic capacity	4.500 cm ³
Starter	12 V
Air intake	Turbocharger
Cooling system	Water
Fuel type	Diesel
Engine oil quantity	12,8 l
Antifreeze quantity	18,5 l
Fuel capacity & consumption	
Fuel capacity	160 l
Consumption at 100% (PRP)	16.7 l/h
Consumption at 75% (PRP)	12.18 l/h
Consumption at 50% (PRP)	9.5 l/h
Dimensions, Weight, Noise level	
Length	2260 mm
Width	1040 mm
Height	1820 mm
Weight	1.270 kg
Sound pressure 7m	65 dBA
Accessory (optional)	Order-No.
Protection switch FI (earthing set incl.)	904793
Cooling fluid preheating	985792
Valve for external fueling	988574
Cold start equipment	standard
Automatic emergency power switch NS 10 external	985741
Sockets 1: 1xCEE3-125A, 1x CEE3-16A, 1x Schuko	985521
Sockets 2: 1x CEE3-125A, 1x CEE3-32A, 1x CEE3-16A, 2x Schuko	985531
Sockets 2 with IT/TN-Switchover	988265
Sockets 3 (Full configuration with IT/TN): 1x CEE3-125A 1h, 1x CEE3-125A, 1x CEE3-63A, 2x CEE3-32A, 2x CEE3-16A, 6x Schuko	985591

more accessories on the accessories list

100015

STAGE III A DIESEL

- Industrial diesel engine
- Brushless alternator with AVR regulation
- Base frame with catch basin, fuel tank with electronic fuel level display
- Sound improved canopy made of fire galvanized steel with powder paint
- Sound improved materials made of polyester fiber with increased noise reduction
- Exhaust pipes specially covered with mineral fiber insulation
- Aftersale-Service world wide



100015 ED-S/IEDA SS

Order No.: 985853
GTIN: 4038469220000

Alternator	Stamford
Alternator type	Synchronous
Variable Prime Power (PRP)	100 kVA
Limited time power (LTP)	110 kVA
Power factor cos φ	0,8
Voltage	400 V / 230 V
Frequency	50 Hz
Protection class alternator	IP 23
Engine	
Engine manufacturer	Iveco
Engine type	N45 TE2F
Engine power (PRP/LTP)	91,0 / 100,0 kW
Engine regulator	electric
Cylinders	4
Rotation speed	1500 U min ⁻¹
Cubic capacity	4.500 cm ³
Starter	12 V
Air intake	Turbocharger
Cooling system	Water
Fuel type	Diesel
Engine oil quantity	12,8 l
Antifreeze quantity	10,0 l
Fuel capacity & consumption	
Fuel capacity	160 l
Consumption at 100% (PRP)	22.8 l/h
Consumption at 75% (PRP)	17.5 l/h
Consumption at 50% (PRP)	13.4 l/h
Dimensions, Weight, Noise level	
Length	2560 mm
Width	1040 mm
Height	1810 mm
Weight	1.600 kg
Sound pressure 7m	66 dBA
Accessory (optional)	Order-No.
Protection switch FI (earthing set incl.)	985504
Cooling fluid preheating	904841
Cold start equipment	985721
Valve for external fueling	988595
Road trailer	985762
Automatic emergency power switch NS 10 external	988256
Sockets 1: 1xCEE3- Gesamtlast, 1x CEE3-16A, 1x Schuko	985522
Sockets 2: 1x CEE3-32A, 1x CEE3-16A, 2x Schuko	985532
IT/TN-Switchover incl. sockets combination: 1x125A CEE 3-(1h), 1x125A CEE 3-(6h), 1x63A CEE 3-, 2x32A CEE 3-, 2x16A CEE 3-, 6x Schuko	985592

6) Installation only factory-made possible
7) only in conjunction with assembly kit

8) n/a in conjunction with GW 308 or isometer
9) n/a in conjunction with GW 308 or FI protection switch

STAGE V

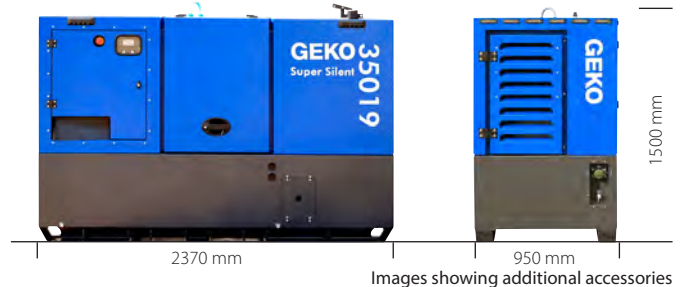


35019



DIESEL

Super Silent design with water cooled Hatz engine.
 Fuel level indicator. Running time counter. Voltmeter.
 Amperemeter. Emergency pushbutton.
 Connections: 1x 400V CEE 63A IP67, 1x 400V CEE 32A IP67,
 1x 400V CEE 16A IP67, 2x 230V Schuko 16A IP67



35019 ED-S/ZEDA RSS

Order No.: 987254
 GTIN: 4038469235530

Alternator	Mecc Alte
Alternator type	Synchronous
Variable Prime Power (PRP)	32,54 kVA
Power factor cos φ	0,8
Voltage	400 V / 230 V
Frequency	50 Hz
Protection class alternator	IP 23
Engine	
Engine manufacturer	Hatz
Engine type	4H50
Engine power (PRP/LTP)	35 kW
Engine regulator	electric
Cylinders	4
Rotation speed	1.500 U min ¹
Cubic capacity	1.952 cm ³
Starter	12 V
Air intake	Turbocharger
Cooling system	Water
Fuel type	Diesel
Engine oil quantity	7 l
Fuel capacity & consumption	
Fuel capacity	140 l
Consumption at 100% (PRP)	8,1 l/h
Consumption at 75% (PRP)	5,6 l/h
Consumption at 50% (PRP)	4,2 l/h
Dimensions, Weight, Noise level	
Length	2370 mm
Width	950 mm
Height	1500 mm
Weight	1224 kg
Sound pressure 7m	88 dBA

Accessory (optional)	Order-No.
Ambient lighting LED 4x 10W IP67	985567
Rear warning LED, colors blue/yellow switchable	988132
Remote starting with ComAp Control	988133
Insulation control	988130
Insulation control with shutdown	988131
IT/TN-Switchover external	988134
ATS control panel nano	988129
Road trailer (rigid drawbar)	988497
Road trailer (adjustable drawbar)	988495
Earthing set	908250
Option RCD 30mA bis 32A	988128
Option Dummyload (internal load resistance)	988127

Special sockets on customer request on request

Technical details are based on average values and can vary a spread of ±10%. Illustrations are non-binding. We are not liable for errors.

1) n/a in conjunction with BLC/GE803
 2) n/a in conjunction with UBC
 3) only with adapter for exhaust hose
 4) only with E-start
 5) n/a in conjunction with handles or chassis

Lighting Pole Systems

Customer-specific build-up according to EU2016-1628 emissions legislation.
Advice at info@metallwarenfabrik.com



2148 mm without lightpole
3067 mm with lightpole retracted

60015 ED-S/IEDA SS Order No.: 985827 GTIN: 4038469100630	100015 ED-S/IEDA SS Order No.: 985853 GTIN: 4038469100562
---	--

Alternator	60kVA Stamford	100kVA Stamford
Alternator type	Synchronous	Synchronous
Variable Prime Power (PRP)	60 kVA	100 kVA
Limited time power (LTP)	66 kVA	110 kVA
Power factor cos φ	0,8	0,8
Voltage	400 V / 230 V	400 V / 230 V
Frequency	50 Hz	50 Hz
Protection class alternator	IP 23	IP 23
Engine	Iveco	Iveco
Engine type	N45SM1F	N45 TE2F
Engine power (PRP/LTP)	53,5 / 59,0 kW	91,0 / 100,0 kW
Engine regulator	mechanic	electric
Cylinders	4	4
Rotation speed	1.500 U min ⁻¹	1.500 U min ⁻¹
Cubic capacity	4.500 cm ³	4.500 cm ³
Starter	12 V	12 V
Air intake	Turbocharger	Turbocharger
Cooling system	Water	Water
Fuel type	Diesel	Diesel
Engine oil quantity	12,8 l	12,8 l
Antifreeze quantity	18,5 l	10,0 l
Fuel capacity & consumption		
Fuel capacity	160 l	160 l
Consumption at 100% (PRP)	16.7 l/h	22.8 l/h
Consumption at 75% (PRP)	12.18 l/h	17.5 l/h
Consumption at 50% (PRP)	9.5 l/h	13.4 l/h
Dimensions, Weight, Noise level (gensets only)		
Length	2260 mm	2560 mm
Width	1040 mm	1040 mm
Height	1820 mm	1810 mm
Weight	1.270 kg	1.600 kg
Sound pressure 7m	65 dBA	66 dBA

Accessory (optional)	Order-No.
Light pole trailer 60kVA LED - 7,6m	985754
Light pole trailer 60kVA LED - 9,0m	985749
Light pole trailer 60kVA Halogen - 7,0m	985764
Light pole trailer 100kVA LED - 7,6m	985753
Light pole trailer 100kVA LED - 9,0m	985748
Light pole trailer 100kVA Halogen - 7,0m	985768
Storage box on the side 80x40x40cm	985758
Fire extinguisher CO ₂ 2kg	985756
Fire extinguisher powder 6kg	985757
Work lights 2x38W	985769
Ambient lighting 4x 2,5W	985567

Light pole trailer

Twin-carriage with adjustable drawbar, DIN towing ring for trucks or ball head, maintenance-free axle for solid rubber with independent suspension, 4-wheel execution with brake, retract automatic and shock absorber, carriage galvanized, lighting system protected complete with 13 pole plug and reversing light. In addition 15 pole 24V adapter for truck use, galvanized steel mudguard, 4 off winding support stands with quick winding function, front support stands with secured locking stud. Rigid support wheel, 2 off stopping wedges. Power generator already mounted. LED display lighting, LED front cover lighting to be actuated via door contact switch upon opening the door for ease of operation at night. Test report including approval certificate part II.

Light pole

Pneumatic lighting pole: max. height of 9 meters, interior spiral wound cable, compressor 230V, remote control with 2 meter cable, light pole system mounted completely.

Lighting unit

Electrically adjustable, movement 90° down / 270° up, 180° to the left, 180° to the right.

Halogen: 2 off 1500 Watt halogen, 2 off 400 Watt high pressure sodium with stone-chipping protection, total lighting power approx. 182.000 Lumen, max. operating height approx. 7 meters.

LED: 2 off 400 LED with stone-chipping protection, total lighting power approx. 140.000 Lumen, max. operating height approx. 7,6 meters, max. operating height Fireco approx. 9 meters.



Accessory (optional)	Order-No.
Spare wheel including holder	985755
Rear warning system	985569
Battery charge 230V	988143
Built-in socket DIN 14690	988137
MagCode Power Clip Pro	988136
Double changeover valve	985962
Protective hood red, suitable for LED	011342
Protective hood red, suitable for Halogen	011344
IT/TN-Switchover incl. sockets combination: 1x125A CEE 3~(1h), 1x125A CEE 3~ (6h), 1x63A CEE 3~, 2x32A CEE 3~, 2x16A CEE 3~, 6x Schuko	985592

6) Installation only factory-made possible
7) only in conjunction with assembly kit

8) n/a in conjunction with GW 308 or isometer
9) n/a in conjunction with GW 308 or FI protection switch

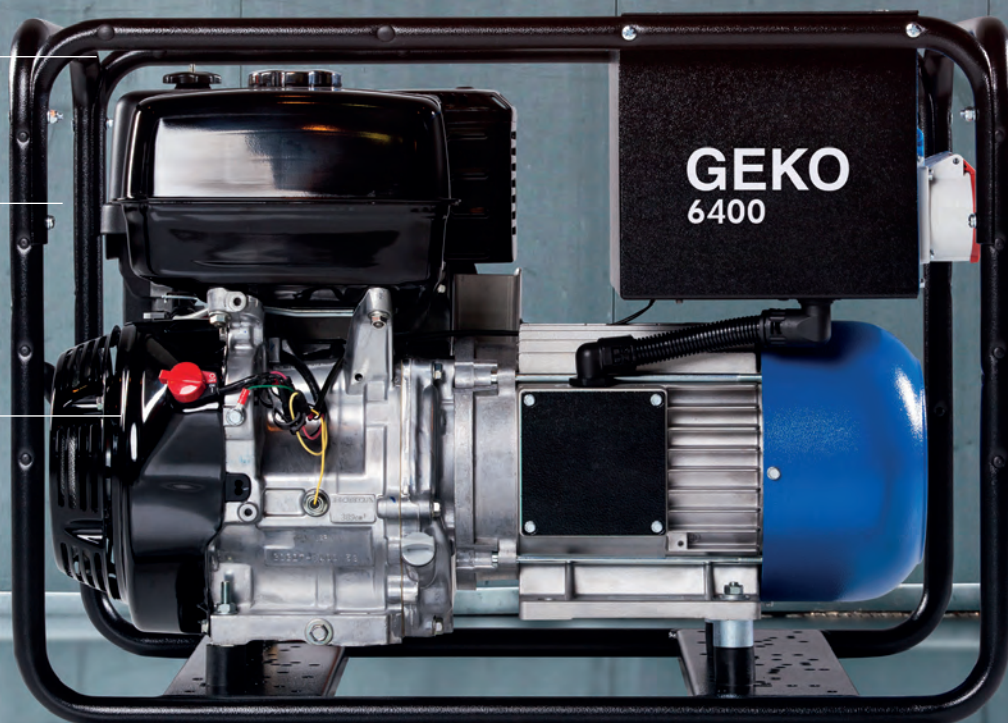
The Robusts

THAT'S PROFESSIONAL.

Excellent price- performance ratio

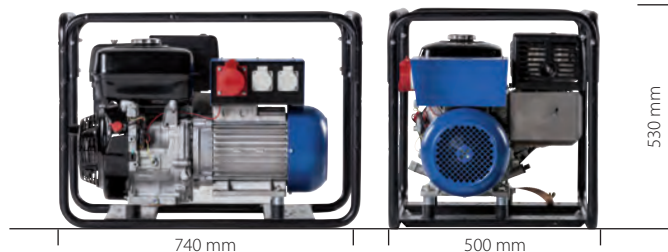
Highest functionality

For the tough deployment



4400

Field of application: larger electric tools, circular saws, angular grinders, compressors, lawn mowers, electric planes or water pumps. Automatic shut down if low oil level is detected. One CEE-16A-3ph.-socket, two Schuko-sockets.



4400 ED-A/HHBA Order-No.: 988412 GTIN: 4038469984124	4400 ED-A/HEBA Order-No.: 988413 GTIN: 4038469984131
---	---

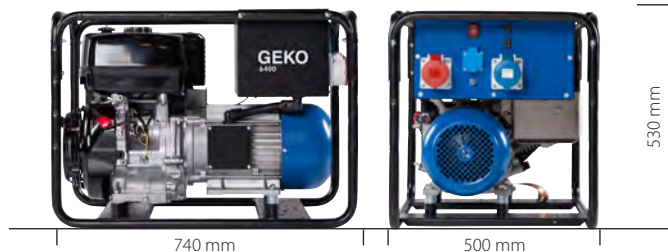
Alternator	Asynchronous
El. capacity: 3~ cos φ 1,0	4100 VA
El. capacity: 1~ cos φ 1,0	3800 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	5,9 A
Max. sum. current 1~	16,5 A
Current 1~ (CEE)	16 A
Current 1~ (Schuko)	16 A
Max. starting current cos φ 0,6 (with 20% voltage drop)	9 A 3~ 21 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Honda GX 270
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,1 l
Engine power	5,4 kW
Cooling engine/alternator	Air / Air
Tank capacity	5,9 l
Operating time: full load/half load	2 / 3,8 h
Weight	72 / 77 kg w/o battery
Dimensions L x W x H	740 x 500 x 530 mm
Noise power level L _{WA}	98 dB(A)
Noise pressure (10m)	70 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Adapter for exhaust hose	904879
Waterproof sockets	903052 ⁶⁾
Chassis (pre-finished)	988548
Standard starting battery	020316 (E-Start)
Emergency power change-over MNU 3ph. (ext.)	988331

more accessories on the accessories list

6400

Field of application: larger electric tools, compressors, garden shredder, circular grinders, electric motors, el. welding. Automatic shut down if low oil level is detected. One CEE-16A-3ph.-socket, one CEE 32A-1ph. socket, one Schuko-socket.



6400 ED-A/HHBA Order-No.: 988608 GTIN: 4038469986081	6400 ED-A/HEBA Order-No.: 988610 GTIN: 4038469986104
---	---

Alternator	Asynchronous
El. capacity: 3~ cos φ 1,0	5900 VA
El. capacity: 1~ cos φ 1,0	5000 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	8,2 A
Max. sum. current 1~	21,7 A
Current 1~ (CEE)	21,7 A
Current 1~ (Schuko)	16 A
Max. starting current cos φ 0,6 (with 20% voltage drop)	10 A 3~ 22 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Honda GX 390
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,1 l
Engine power	7,5 kW
Cooling engine/alternator	Air / Air
Tank capacity	6,5 l
Operating time: full load/half load	2 / 3,5 h
Weight	92 / 97 kg with battery
Dimensions L x W x H	740 x 500 x 530 mm
Noise power level L _{WA}	98 dB(A)
Noise pressure (10m)	70 dB(A)

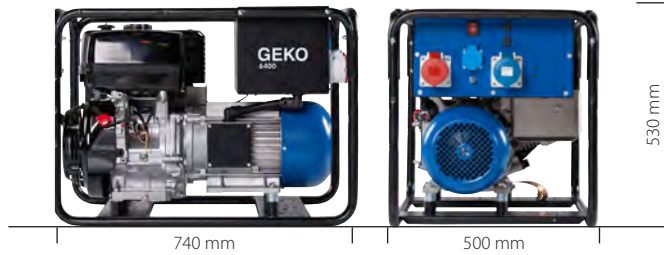
Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Adapter for exhaust hose	904879
Waterproof sockets	903052 ⁶⁾
Chassis (pre-finished)	988548
Standard starting battery	020316 (E-Start)
Emergency power change-over MNU 3ph. (ext.)	988331
Protection switch FI (earthing set incl.)	904759

more accessories on the accessories list

6400

Field of application: larger electric tools, compressors, garden shredder, circular grinders, electric motors, el. welding. Automatic shut down if low oil level is detected.

One CEE-16A-3ph.-socket, one CEE 32A-1ph. socket, one Schuko-socket. Disengageable starting amplifier



6400 ED-AA/HHBA

Order-No.: 988612

GTIN: 4038469986128

6400 ED-AA/HEBA

Order-No.: 988614

GTIN: 4038469986142

Alternator	Asynchronous
El. capacity: 3~ cos φ 1,0	5900 VA
El. capacity: 1~ cos φ 1,0	5000 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	8,2 A
Max. sum. current 1~	21,7 A
Current 1~ (CEE)	21,7 A
Current 1~ (Schuko)	16 A
Max. starting current cos φ 0,6 (with 20% voltage drop)	19 A 3~ 40 A 1~
Frequency	50 Hz
Safety class alternator	IP 54
Engine type	Honda GX 390
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,1 l
Engine power	7,5 kW
Cooling engine/alternator	Air / Air
Tank capacity	6,5 l
Operating time: full load/half load	2 / 3,5 h
Weight	92 / 97 kg with battery
Dimensions L x W x H	740 x 500 x 530 mm
Noise power level L ^{wa}	98 dB(A)
Noise pressure (10m)	70 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Adapter for exhaust hose	904879
Waterproof sockets	903052 ⁶⁾
Chassis (pre-finished)	988548
Standard starting battery	020316 (E-Start)
Emergency power change-over MNU 3ph. (ext.)	988331

more accessories on the accessories list

R7401

Field of application: larger electric tools, compressors, garden shredder, circular grinders, electric motors, el. welding. Partial covering with integrated fuel tank and fuel capacity indicator. one CEE 32A-1ph. socket, one Schuko-socket. Automatic shut down if low oil level is detected.



R7401 E-S/HHBA

Order-No.: 983743

GTIN: 4038469100821

R7401 E-S/HEBA

Order-No.: 983744

GTIN: 4038469100838

Alternator	Synchronous
El. capacity: 1~ cos φ 1,0	6450 VA
Voltage 1~	230 V
Max. sum. current 1~	28 A
Current 1~ (CEE)	28 A
Current 1~ (Schuko)	16 A
Max. starting current cos φ 0,6 (with 20% voltage drop)	45 A 1~
Frequency	50 Hz
Safety class alternator	IP 23
Engine type	Honda GX 390 Super Silent
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,3 l
Engine power	7,5 kW
Cooling engine/alternator	Air / Air
Tank capacity	20 l
Operating time: 75% load	8 h
Weight	95,5/104,5 kg with battery
Dimensions L x W x H	740 x 500 x 530 mm
Noise power level L ^{wa}	97 dB(A)
Noise pressure (10m)	69 dB(A)

Accessory (optional)	Order-No.
Exhaust hose	904872 ³⁾
Adapter for exhaust hose	904880
Chassis (pre-finished)	988548
Lifting set	911643
Blackout-Control BLC	988316 ⁴⁾
Add. fuel tank 50 l (assembly kit required)	923995 ^{5) 6)}
Add. fuel tank 100 l (assembly kit required)	923998 ^{5) 6)}
Add. fuel tank 150 l (assembly kit required)	923963 ^{5) 6)}
Assembly kit for additional fuel tank	923994 ⁶⁾
Standard starting battery	020316

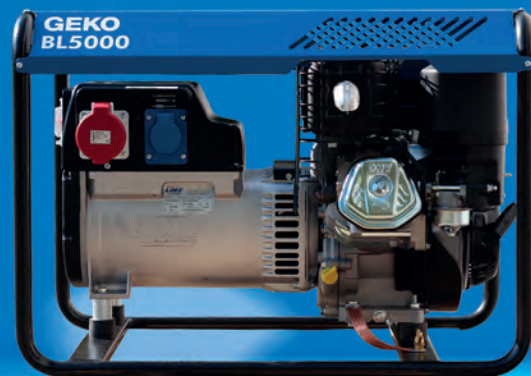
more accessories on the accessories list

6) Installation only factory-made possible
7) only in conjunction with assembly kit

8) n/a in conjunction with GW 308 or isometer
9) n/a in conjunction with GW 308 or FI protection switch

BasicLine.

INTELLIGENT POWER GENERATING SYSTEMS



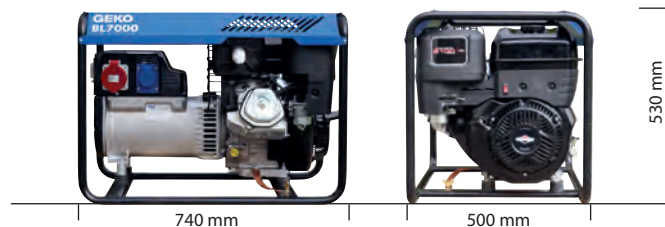
BL4000

Equipment:
Two Schuko-Sockets.
Automatic shut down if low oil level is detected.



BL7000

Equipment:
One CEE 16A-3ph. Socket, one Schuko-Socket.
Voltmeter, Operating time counter,
Automatic shut down if low oil level is detected.



BL4000 E-S/SHBA

Order-No.: 986253
GTIN: 4038469100081

Alternator	Synchronous
El. capacity: 1~ cos φ 1,0	4000 VA
Voltage 1~	230 V
Max. sum. current 1~	17,4 A
Current 1~ (Schuko)	16 A
Frequency	50 Hz
Safety class alternator	IP 23
Engine type	B&S Series 1450
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	0,8 l
Engine power	5,8 kW
Cooling engine/alternator	Air / Air
Tank capacity	3,2 l
Operating time: full load/half load	1,5 / 2,5 h
Weight	56,5 kg
Dimensions L x W x H	740 x 500 x 530 mm
Noise power level L _{WA}	98 dB(A)
Noise pressure (10m)	70 dB(A)

BL7000 ED-S/SHBA

Order-No.: 986257
GTIN: 4038469100098

Alternator	Synchronous
El. capacity: 3~ cos φ 1,0	7500 VA
El. capacity: 1~ cos φ 1,0	4000 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	10,9 A
Max. sum. current 1~	17,5 A
Frequency	50 Hz
Safety class alternator	IP 23
Engine type	B&S Series 2100
Number of cylinders	1
Rotation-speed (3000 1/min)	3000 U min ⁻¹
Fuel type	Gasoline
Engine oil capacity	1,1 l
Engine power	7,7 kW
Cooling engine/alternator	Air / Air
Tank capacity	6,6 l
Operating time: full load/half load	2,8 / 3,4 h
Weight	75 kg
Dimensions L x W x H	740 x 500 x 530 mm
Noise power level L _{WA}	99 dB(A)
Noise pressure (10m)	71 dB(A)



P.T.O. & 2-Bearing Alternators

ideal for agricultural and forestry field use

IT/TN-Switchover

economically efficient power generation

affordable GEKO solutions for consumers in stables, vineyards, municipalities and much more.

- **IT / TN network switchover enables field operation as well as feeding into buildings** (without qualified electricians)
- **IP 45 total PTO generator** according to worksheet 64 BG Agriculture
- **Earthing rod captive** according to worksheet 64: connection cable stowed on the device
- **Supply air is cleaned by filter mat**, filter mat easily and **without tools exchangeable during operation**
- Filter mats can be cleaned
- Exhaust air is derived downwards and not a nuisance to the operator
- Base frame with **skids and brackets** for forklift mounting



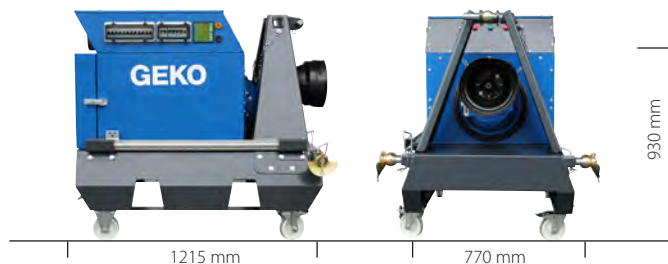
- suitable for **longitudinal lifting** with the pallet truck
- Robust base frame
- **Overall size = pallet size**
- **PTO interception device** (chain)
- **Digital display** for electrical measurements
- **Speed easily adjustable** using large indicator lights
- **Load shedding** when the frequency exceeds or falls below the limit (speed)
- **Insulation monitoring with shutdown**, active in the **IT mode** (direct mode)
- Housing **completely powder coated**
- **Fuses and controls can be operated on the sidewalk** (direction of travel on the right)
- **Optional wheelset:** 2x fixed
2x swivel castors

P.T.O. - 20kVA

NEW IP45

Connections: 1x CEE 400V 32A IP67
1x CEE 400V 16A IP67
3x Schuko 230V 16A IP68

Feed-in operation: 1x CEE 400V 63A IP67 1h (weiß)

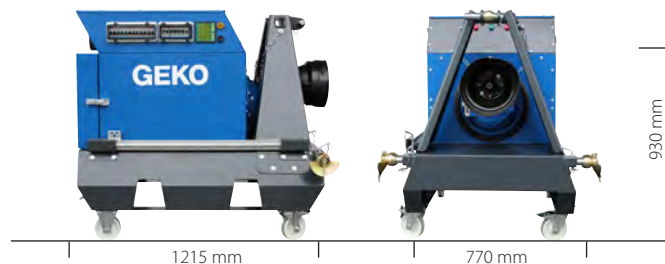


P.T.O. - 30kVA

NEW IP45

Connections: 1x CEE 400V 63A IP67
1x CEE 400V 32A IP67
1x CEE 400V 16A IP67
3x Schuko 230V 16A IP68

Feed-in operation: 1x CEE 400V 63A IP67 1h (weiß)



20000 ED-S/ZWG - IT/TN Switch over

Order No.: 987220
GTIN: 4038469221595

Alternator	Synchronous
El. capacity: 3~ cos φ 0,8	20000 VA
El. capacity: 1~ cos φ 0,8	6400 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	28 A
Current 1~	28 A
Frequency	50 Hz
Safety class	IP 45
PTO speed	430 rpm
Recommended tractor power	From 40kW
Cooling alternator	Air
Weight	297 kg
Dimensions L x W x H	1215 x 770 x 930 mm

30000 ED-S/ZWG - IT/TN Switch over

Order No.: 987221
GTIN: 4038469221809

Alternator	Synchronous
El. capacity: 3~ cos φ 0,8	30000 VA
El. capacity: 1~ cos φ 0,8	9800 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	43 A
Current 1~	43 A
Frequency	50 Hz
Safety class	IP 45
PTO speed	430 rpm
Recommended tractor power	From 60kW
Cooling alternator	Air
Weight	335 kg
Dimensions L x W x H	1215 x 770 x 930 mm

Devices and socket assignments may differ from the pictures depending on the equipment and performance class.



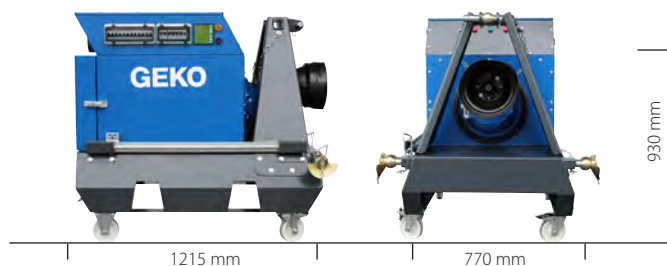
P.T.O. - 40kVA

NEW

IP45

Connections: 1x CEE 400V 63A IP67
1x CEE 400V 32A IP67
1x CEE 400V 16A IP67
3x Schuko 230V 16A IP68

Feed-in operation: 1x CEE 400V 63A IP67 1h (weiß)



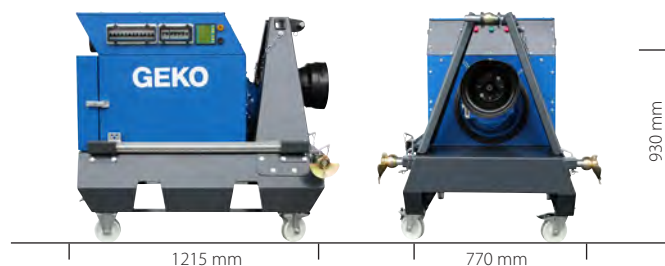
P.T.O. - 60kVA

NEW

IP45

Connections: 1x CEE 400V 125A IP67
1x CEE 400V 32A IP67
1x CEE 400V 16A IP67
3x Schuko 230V 16A IP68

Feed-in operation: 1x CEE 400V 125A IP67 1h (weiß)



40000 ED-S/ZWG - IT/TN Switch over

Order No.: 987222

GTIN: 4038469221816

Alternator	Synchronous
El. capacity: 3~ cos φ 0,8	40000 VA
El. capacity: 1~ cos φ 0,8	13400 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	57 A
Current 1~	57 A
Frequency	50 Hz
Safety class	IP 45
PTO speed	430 rpm
Recommended tractor power	From 80kW
Cooling alternator	Air
Weight	392 kg
Dimensions L x W x H	1215 x 770 x 930 mm

60000 ED-S/ZWG - IT/TN Switch over

Order No.: 987223

GTIN: 4038469221823

Alternator	Synchronous
El. capacity: 3~ cos φ 0,8	60000 VA
El. capacity: 1~ cos φ 0,8	19700 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	86 A
Current 1~	86 A
Frequency	50 Hz
Safety class	IP 45
PTO speed	430 rpm
Recommended tractor power	From 120kW
Cooling alternator	Air
Weight	450 kg
Dimensions L x W x H	1215 x 770 x 930 mm

Devices and socket assignments may differ from the pictures depending on the equipment and performance class.

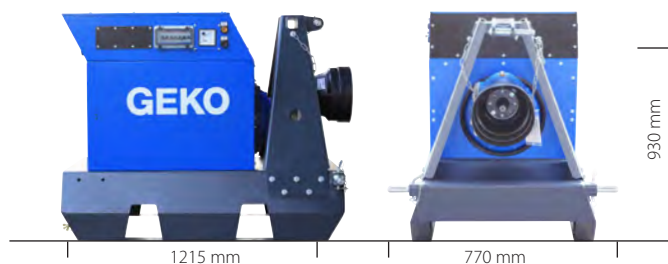


P.T.O. - 20kVA

NEW IP23

Connections: 1x CEE 400V 32A IP67
1x Schuko 230V 16A IP68

Feed-in operation: 1x CEE 400V 63A IP67 1h (weiß)

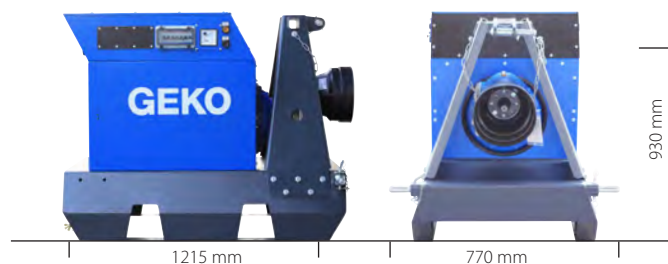


P.T.O. - 30kVA

NEW IP23

Connections: 1x CEE 400V 63A IP67
1x Schuko 230V 16A IP68

Feed-in operation: 1x CEE 400V 63A IP67 1h (weiß)



20000 ED-S/ZWG - IT/TN Switch over

Order No.: 987224
GTIN: 4038469232102

Alternator	Synchronous
El. capacity: 3~ cos φ 0,8	20000 VA
El. capacity: 1~ cos φ 0,8	6400 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	28 A
Current 1~	28 A
Frequency	50 Hz
Safety class	IP 23
PTO speed	430 rpm
Recommended tractor power	From 40kW
Cooling alternator	Air
Weight	297 kg
Dimensions L x W x H	1215 x 770 x 930 mm

30000 ED-S/ZWG - IT/TN Switch over

Order No.: 987225
GTIN: 4038469232119

Alternator	Synchronous
El. capacity: 3~ cos φ 0,8	30000 VA
El. capacity: 1~ cos φ 0,8	9800 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	43 A
Current 1~	43 A
Frequency	50 Hz
Safety class	IP 23
PTO speed	430 rpm
Recommended tractor power	From 60kW
Cooling alternator	Air
Weight	335 kg
Dimensions L x W x H	1215 x 770 x 930 mm

Devices and socket assignments may differ from the pictures depending on the equipment and performance class.



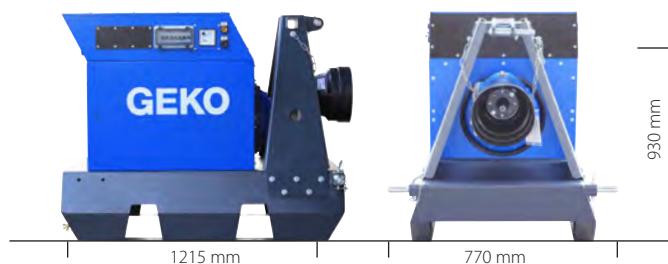
P.T.O. - 40kVA

NEW

IP23

Connections: 1x CEE 400V 63A IP67
1x Schuko 230V 16A IP68

Feed-in operation: 1x CEE 400V 63A IP67 1h (weiß)



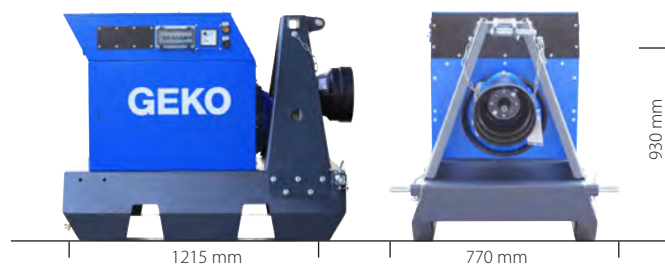
P.T.O. - 60kVA

NEW

IP23

Connections: 1x CEE 400V 125A IP67
1x Schuko 230V 16A IP68

Feed-in operation: 1x CEE 400V 125A IP67 1h (weiß)



40000 ED-S/ZWG - IT/TN Switch over

Order No.: 987226

GTIN: 4038469232126

Alternator	Synchronous
El. capacity: 3~ cos φ 0,8	40000 VA
El. capacity: 1~ cos φ 0,8	13400 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	57 A
Current 1~	57 A
Frequency	50 Hz
Safety class	IP 23
PTO speed	430 rpm
Recommended tractor power	From 80kW
Cooling alternator	Air
Weight	392 kg
Dimensions L x W x H	1215 x 770 x 930 mm

60000 ED-S/ZWG - IT/TN Switch over

Order No.: 987227

GTIN: 4038469232133

Alternator	Synchronous
El. capacity: 3~ cos φ 0,8	60000 VA
El. capacity: 1~ cos φ 0,8	19700 VA
Voltage 3~	400 V
Voltage 1~	230 V
Current 3~	86 A
Current 1~	86 A
Frequency	50 Hz
Safety class	IP 23
PTO speed	430 rpm
Recommended tractor power	From 120kW
Cooling alternator	Air
Weight	450 kg
Dimensions L x W x H	1215 x 770 x 930 mm

Devices and socket assignments may differ from the pictures depending on the equipment and performance class.



2-Bearing-Alternators

Alternative power supply in 2-bearing version as an optimum connection of available driving units when an alternative requirement for an economical energy source is needed. Operation without problems via V-belt pulley, V-belt or elastic coupling makes the GEKO asynchronous alternator to an universal energy supplier. The alternator is delivered complete with capacitors (the version with a starting amplifier is additional equipped with a switch box).



2400 E-A/ZG
Order-No.: 986090

Typ	2400
Rotation-speed	3000 U min ⁻¹
1~ cos φ 1,0	2300 VA
Voltage 1~	230 V
Current 1~	10 A
Frequency	50 Hz
Safety class alternator	IP 54
Weight	17,5 kg
Dimensions	332 x 258 x 180 mm

4000 ED-A/ZG
Order-No.: 986369
4000 ED-AA/ZG
Order-No.: 986368

6000 ED-A/ZG
Order-No.: 986490
6000 ED-AA/ZG
Order-No.: 986491

9000 ED-A/ZG
Order-No.: 986590
9000 ED-AA/ZG
Order-No.: 986591

Typ	4000	6000	9000
Rotation-speed	3000 U min ⁻¹	3000 U min ⁻¹	3000 U min ⁻¹
3~ cos φ 1,0	3900 VA	5700 VA	9000 VA
1~ cos φ 1,0	3900 VA	4600 VA	5900 VA
Voltage 3~	400 V	400 V	400 V
Voltage 1~	230 V	230 V	230 V
Current 3~	5,6 A	8,3 A	13 A
Current 1~	17 A	20 A	24 A
Frequency	50 Hz	50 Hz	50 Hz
Schutzart Gen.	IP 54	IP 54	IP 54
Weight	38,5 kg	48,5 kg	61 kg
Dimensions mm	393 x 221 x 222	393 x 221 x 222	465 x 315 x 262

Higher performance classes on request

Certified

DIN ISO 9001

Metallwarenfabrik Gemmingen GmbH still regards the high expectations related to the international meaning of "Made in Germany" as a challenge to reach for the best performances. Our entire team works hard on serving customers with the best quality every day.

All our products and components pass several quality checkpoints, like in the incoming goods department, the production or in the outgoing goods department. Our quality management system is certified according to ISO 9001: 2015 and in the range of military in accordance to the NATO standard AQAP- 130.

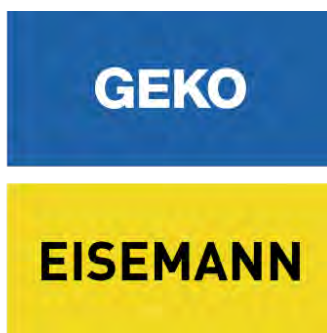
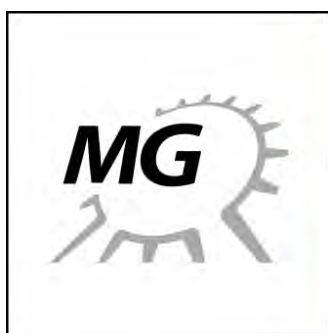
This assurance is just available from a manufacturer who offers a product range that works reliably based on elaborateness and careful quality control.

In any case of defects our close authorised workshop will solve the problem quickly and to your full satisfaction.

Management System

in accordance with the standard
DIN EN ISO 9001:2015

It is hereby confirmed that the organization



Metallwarenfabrik Gemmingen GmbH
Industriestraße 1
75050 Gemmingen

is applying a management system for the following scope of application:

Design, manufacturing, and sales of stamped and die-cast parts

**Design, manufacturing, and sales of power generator systems, and
distribution of handheld spotlights, cable drums and tripods**

The certificate consists of 1 page.

Certificate registration no.

150114Q

Date of initial certification:

06.04.2011

This certificate is valid until:

09.04.2023



Deutsche
Akkreditierungsstelle
D-ZM-16001-01-00

Stefanie Korte
Certifying Body

date of issue/ start of validity: 22.04.2020



Accessories. Original.

DIRECTLY FROM THE FACTORY.

The useful and practical accessories are available by GEKO directly at the factory on require; readily implemented in your genset.

You may find the correct order numbers for each of the shown accessories in our accessory list for each genset- type.



Road trailer



Single axle or tandem axle trailer with a fixed or adjustable drawbar for the types 8010, 11010, 15010, 40010 and 60010. Bigger trailers on request.
Attention! Cannot be retrofitted.
(with an optional equipment)

The useful and practical accessories are available by GEKO directly at the factory on require; readily implemented in your genset.

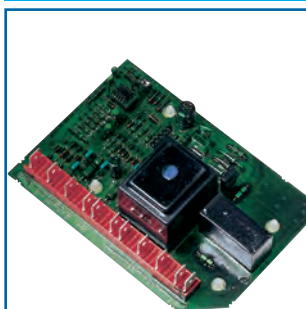
You may find the correct order numbers for each of the shown accessories in our accessory list for each genset.

GW 308



Additional safety measures against contact voltage with the signal lamp and automatic shutdown are applied more and more in the field of pipe installation for gas and water.

Insulation control unit



Additional safety measures against contact voltage according to VDE 0100 part 410 with a signal lamp. IT-network with constant insulation control between network conductor and safety conductor.

Emergency power change-over



The manual emergency power change-over (MNU) is the simple and economic solution of an emergency standby system for everybody. Single- and three-phase types available.

Silent Economic



Silent Economic – The load depending rotation speed regulation provides long operation terms due to low fuel consumption and hereby is very gentle to the environment.

RCD protection switch



RCD protection switch incl. grounding set. Alternative safety measure against contact voltage.

Wheel set



For gensets with a tubular frame or sound absorption housing. With a manual for a simple installation for retrofitters. Editions are specific

Volt-/Amperemeter



Analog implemented measuring instruments to control the voltage and current values. In case of aggregates with three-phase or single-phase current a voltage change-over switch is installed in the switchbox

Grounding set



Consists of a grounding cable (16mm², 2.5m) and a grounding spike (45cm).

Exhaust pipe



Flexible metal pipe for deflecting exhaust gases. Length 2.5m up to 5m depending on each type. Do not operate in enclosed rooms. Attention! Danger of poisoning!

Exhaust pipe adapter



Is necessary for the connection of the exhaust pipe to the genset.

ATS Control Panel Nano CPN external



- ComAp ATS controller
- Multi purpose display
- Voltage display
- Currency display
- Frequency display
- Counter for operating hours
- Display of error messages with history
- Display of operation mode
- Network monitoring and automatic start of the power generator in case of network failure

Carrying handles



For gensets with tubular frames and steel tanks. With a manual for a simple installation for retrofitters.

Lifting set



For almost all gensets with tubular frames. For a simple installation for retrofitters.

Waterproof sockets



Water pressure-tight sockets available in the protection class IP68 for 230 V and in the protection class IP67 for 400V.

Automatic emergency power supply NS 10



Extensive programmability, individual gate inputs and interfaces, intuitive operability or monitoring-enabled surveillance.

Remote starting device



Enables the starting and stopping of the genset by radio signal. It starts and stops the driving engine reliably when radio signals are received from the corresponding transmitter.

Can fueling set



Contains a fuel extraction device and a 20l standard can. For gensets with a fuel pump.

Fuel extraction device



To extract the fuel out of a 20l standard can. For gensets with a fuel pump.

Tank cap with a lockable ventilation



Prevents fuel from leaking. For the operation of gensets for example on vehicles.

Worksite distribution board in acc. with DGUV 203-032



3x Schuko 16A ->
3x FI/LS B 10A / 0,03A

Rigid solid rubber housing with carrying handle for easy transport

Four solid feet from solid rubber for safe positioning

All sockets with spring loaded cover

Protection switch FI and FI/LS switch covered with impact-resistant transparent plastic cover.

Inlet:
1x supply line H07RN-F 5 G, 2,5mm², length: 2m

Outlet:
1x CEE 3~ 16A, 5-pole ->
1x FI 40A / 0,03A

GEKO. A brand of the Metallwarenfabrik Gemmingen GmbH

The company "Metallwarenfabrik Gemmingen GmbH" manufactures components for electric machines, alternators and power generating systems at three factories. It was founded in 1961. The production of pressed and pressure-die casting parts for the electric industry was started in the same year. Shortly afterwards the manufacture of the complete IEC standard engine types and the development of complete problem solutions for the electric motor production was started.

From the construction to the production, the staff of approximately 300 persons render the best service, appreciated throughout the world. Everything comes from one hand. The latest production techniques, storage and communication technologies enable a quick availability of all components. Everything is about power generation. A field of expertise, in which our company has been specializing for many years and due to this a lot of experience, which has always been on our customers' disposal.

Due to this experience, the advice of GEKO specialists is internationally acknowledged in the field of alternator construction for complex special products as well as complicated military applications. The high requirements to the products, the versatile problem solutions elaborated by GEKO engineers and technicians have a lasting effect on the series production. Experience and knowledge, constructive ideas and practically-orientated research find its expression in the product types which stand on the highest level and provide a reliable service in everyday life.





12000

GEKO
Silent

12000

GEKO
A brand of



Metallwarenfabrik Gemmingen GmbH

Postbox 9

D – 75046 Gemmingen

Phone 07267 8060

Fax 07267 806100

www.metallwarenfabrik.com

verkauf@metallwarenfabrik.com

Edition 01/2020. Technical data take reference to the date of printing. Atypical deviations and changes based on technical continuous development remain reserved. No assumed liability for any misprints.
Order No.: 980231

Technical specification is based on average values and may be subject to a spread of more or less 10%. Illustrations are noncommittal. We won't assume liability for any misprints.