

# ENDRESS

*Leading in mobile power generators*



DUPLEX

DUPLEX<sup>plus</sup>

ECOtronic

maxdrive

**Future oriented technology  
based on in-house development and production.**

Endress is a market leader in the field of power generators. Decades of experience in the development and manufacture of power generators guarantee a maximum of quality and reliability. With a range of up to 2.000 kVA Endress offers a choice for everyone. Innovative, special equipment for fire and rescue services, civil protection, emergency services or customized solutions for project business are part of the product range as well as lighting systems and back up emergency power supply.

[www.endress-generator.com](http://www.endress-generator.com)

Sound proof petrol generators with inverter technology

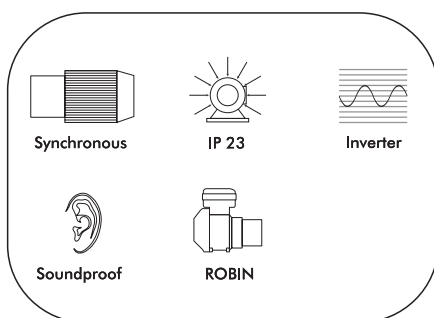
## Silent Line 1,3 – 3,8 kVA



**Applications:**  
Crafts, workshop,  
leisure, emergency

Power tools, consumer  
electronic, garden tools,  
lighting

The concept of the future in the portable power generator market: compact, lightweight, silent and powerful.



Model	ESE 2000 T Silent	ESE 3500 T Silent	ESE 4500 T Silent
Order no.	110 000-UK	110 001-UK	110 002-UK
Alternator	synchronous	synchronous	synchronous
Rated output kVA/kW	1,35/1,35	2,8/2,8	3,8/3,8
Rated voltage	230 V 1~ / 12 V=	230 V 1~ / 12 V=	230 V 1~ / 12 V=
Rated current	5,8 A 1~ / 8,3 A=	12,1 A 1~ / 8,3 A =	16,5 A 1~ / 8,3 A=
Frequency/protection class	50 Hz/IP 23	50 Hz/IP 23	50 Hz/IP 23
Engine type	<b>ROBIN EH 09/3HP</b>	<b>ROBIN EX 21/7 HP</b>	<b>ROBIN EX 27/9HP</b>
Output 3000 rpm	1,6 kW	3,2 kW	4,4 kW
Fuel/Tank capacity (litre)	petrol / 4	petrol / 10,8	petrol / 12,8
Consumption/Running time <sup>1</sup>	0,7 l / 6 h	1,4 l / 6,5 h	1,8 l / 7 h
Start-up system	Recoil starter	E-Start incl. battery	E-Start incl. battery
Sound power level LWA <sup>2</sup>	90 dB(A)	91 dB(A)	91 dB(A)
Weight (kg)	21	59	74
Dimensions L x W x H in mm	490 x 295 x 445	537 x 482 x 583	580 x 527 x 618
Shockproof sockets	1 x 230 V	2 x 230 V	2 x 230 V

Petrol power generator with large tank

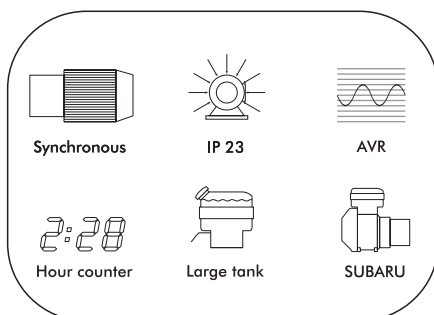
## GT Line 2,0 – 5,0 kVA



**Applications:**  
Crafts, workshops, road  
construction, building  
construction, civil  
engineering

Heavy power tools,  
construction equipment,  
compressors, pumps,  
inverter units, electrode  
welding machines

The new Professional GT Linie - first class construction and extended running times.



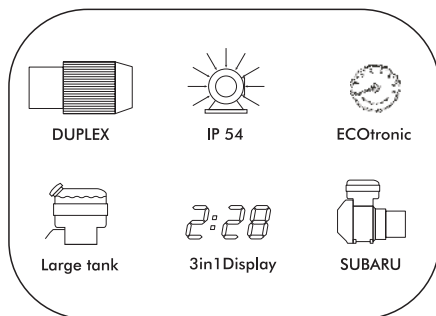
Model	ESE 206 RS-GT	ESE 406 RS-GT	ESE 606 RS-GT
Order no.	112 200-UK	112 201-UK	112 202-UK
Alternator	synchronous	synchronous	synchronous
Rated output kVA/kW	2,0/2,0	3,5/3,5	5,0/5,0
Rated voltage	115/230 V 1~	115/230 V 1~	115/230 V 1~
Rated current	8,7 A 1~	15,2 A 1~	21,7 A 1~
Frequency/protection class	50 Hz/IP 23	50 Hz/IP 23	50 Hz/IP 23
Engine type	<b>SUBARU EX 17/5,7HP</b>	<b>SUBARU EX 27/9 HP</b>	<b>SUBARU EX 40/14HP</b>
Output 3000 rpm	2,6 kW	5,0 kW	6,3 kW
Fuel/Tank capacity (litre)	petrol / 20	petrol / 30	petro / 30
Consumption/Running time <sup>1</sup>	0,8 l / 24 h	1,5 l / 20 h	2,2 l / 14 h
Start-up system	Recoil starter	Recoil starter	Recoil starter
Sound power level LWA <sup>2</sup>	96 dB(A)	97 dB(A)	97 dB(A)
Weight (kg)	47	70	83
Dimensions L x W x H in mm	630 x 460 x 485	770 x 525 x 569	770 x 525 x 569
Shockproof sockets	1 x 115 V 1 x 230 V	2 x 115 V 1 x 230 V	2 x 115 V 1 x 230 V

Petrol power generator with ECOtronic

## DUPLEX<sup>plus</sup> Line 2,5 – 5,5 kVA



Mobile power generators with trend setting technology. Duplex<sup>plus</sup> Line combines performance and operating efficiency



### Applications:

Construction and civil engineering, road construction, pipeline construction.  
Emergency power supply  
Events and exhibitions

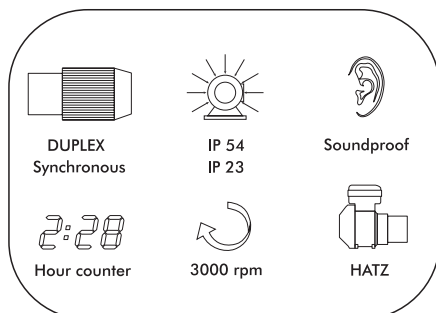
Model	ESE 306 SG-GT	ESE 406 SG-GT	ESE 506 SG-GT
Order no.	113 151-UK	113 152-UK	113 154-UK
Alternator	DUPLEX	DUPLEX	DUPLEX
Rated output kVA/kW	2,5/2,5	4,4/4,4	5,0/5,0
Rated voltage	230 V 1~	230 V 1~	230 V 1~
Rated current	10,9 A 1~	17,4 A 1~	21,7 A 1~
Frequency/protection class	50 Hz/IP 54	50 Hz/IP 54	50 Hz/IP 54
Engine type	SUBARU EX 21/7HP	SUBARU EX 27/9 HP	SUBARU EX 40/14HP
Output 3000 rpm	3,2 kW	5,0 kW	6,3 kW
Fuel/Tank capacity (litre)	petrol / 20	petrol / 30	petrol / 30
Consumption/Running time <sup>1</sup>	1,1 l / 18 h	1,6 l / 18,5 h	2,2 l / 13,5
Start-up system	Recoil starter	Recoil starter	Recoil starter
Sound power level LWA <sup>2</sup>	96 dB(A)	97 dB(A)	97 dB(A)
Weight (kg)	59	80	91
Dimensions L x W x H in mm	635 x 540 x 490	750 x 610 x 585	750 x 610 x 585
Shockproof sockets	2 x 115 V 1 x 230 V	2 x 115 V 2 x 230 V	2 x 115 V 2 x 230 V

Silent diesel power generators

## Diesel Silent Line 6,0 – 12,0 kVA



Diesel Silent Line guarantees a maximum of performance and reliability. Designed for professional use where a low sound level is required.



### Applications:

Construction and civil engineering, road construction, pipeline construction  
heavy power tools, motor pumps, saws, compressors, PE-units, inverter units

Model	ESE 608 HG ES DI DUPLEX Silent	ESE 1008 HG ES DI DUPLEX Silent	ESE 1208 HS-GT ES DI Silent
Order no.	113 023-UK	113 018-UK	122 300-UK
Alternator	DUPLEX	DUPLEX	synchronous
Rated output kVA/kW	6,0/4,8	10,0/9,0	12,0/10,8
Rated voltage	115/230 V 1~	115/230 V 1~	115/230 V 1~
Rated current	17,4 A 1~	43,5 A 1~	52,2 A 1~
Frequency/protection class	50 Hz/IP 54	50 Hz/IP 54	50 Hz/IP 23
Engine type	HATZ 1B 50/11HP	HATZ 2G 40/23 HP	HATZ 2G 40/23HP
Output 3000 rpm	7,6 kW	14,7 kW	14,7 kW
Fuel/Tank capacity (litre)	diesel / 6	diesel / 35	diesel / 35
Consumption/Running time <sup>1</sup>	1,3 l / 4,5 h	2,4 l / 14,5 h	2,6 l / 13,5 h
Start-up system	E-Start incl. battery	E-Start incl. battery	E-Start incl. battery
Sound power level LWA <sup>2</sup>	94 dB(A)	96 dB(A)	96 dB(A)
Weight kg	155	320	310
Dimensions L x W x H in mm	700 x 440 x 580	1100 x 700 x 870	1100 x 700 x 870
Shockproof sockets	2 x 115 V 2 x 230 V	3 x 115 V 3 x 230 V	3 x 115 V 3 x 230 V

Petrol power generator with large tank

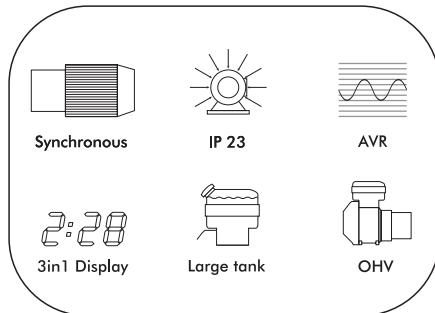
## Ecopower Line 2,0 – 5,0 kVA



**Applications:**  
Crafts, workshops, road construction, garden tools

Large powertools, construction equipment, garden tools

Ecopower Line – well engineered in a rugged and strong design.



Model	ESE 2000 BS	ESE 4000 BS	ESE 4000 BS
Order no.	240 201-UK	240 202-UK	240 203-UK
Alternator	synchronous	synchronous	synchronous
Rated output kVA/kW	2,0/2,0	4,0/4,0	5,0/5,0
Rated voltage	115/230 V 1~	115/230 V 1~	115/230 V 1~
Rated current	8,7 A 1~	17,4 A 1~	21,7 A 1~
Frequency/protection class	50 Hz/IP 23	50 Hz/IP 23	50 Hz/IP 23
Engine type	1-cyl. 4-stroke OHV	1-cyl. 4-stroke OHV	1-cyl. 4-stroke OHV
Max. output	3,8 kW	6,0 kW	8,2 kW
Fuel/Tank capacity (litre)	petrol / 20	petrol / 30	petrol / 30
Consumption/Running time <sup>1</sup>	2,0 l / 10 h	2,5 l / 12 h	3,5 l / 8,5 h
Start-up system	Recoil starter	Recoil starter	Recoil starter
Sound power level LWA <sup>2</sup>	93 dB(A)	97 dB(A)	97 dB(A)
Weight (kg)	43	70	80
Dimensions L x W x H in mm	627 x 457 x 482	770 x 525 x 569	770 x 525 x 569
Shockproof sockets	1 x 115 V 1 x 230 V	2 x 115 V 1 x 230 V	2 x 115 V 1 x 230 V

## Motor pumps from 520 - 1.000 l/min



**Applications:**  
Construction, agriculture, emergency services

Drainage of excavations, gravel pits, cable ducts, irrigation of fruit and vegetable plantations

- Modern OHV engines
- High capacity
- High-quality seals
- Low oil shutdown

<sup>1</sup> Consumption/litres in hours, running time in hours. These indications are based on approx. values at ¾ load and therefore without obligation.

<sup>2</sup> Sound level indication according to the directive for noise emission law 2000/14/EG.

	Fresh water pumps		Trash water pumps	
Model	EMP 205	EMP 305	EMP 205 ST	EMP 305 ST
Order no.	411 005	411 006	411 007	411 008
Max. delivery rate	520 l/min	1000 l/min	700 l/min	1000 l/min
Max. suction lift	8,0 m	8,0 m	7,6 m	7,6 m
Max. total delivery height	32,0 m	32,0 m	23,0 m	23,0 m
Solids Ø	6,0 mm	7,0 mm	20,0 mm	20,0 mm
Connection S/D	2"/2"	3"/3"	2"/2"	3"/3"
Engine type	SUBARU EX 16	SUBARU EX 16	SUBARU EX 17	SUBARU EX 17
Output 3600 rpm	2,9 kW	2,9 kW	4,0 kW	4,0 kW
Fuel/Tank capacity (litre)	petrol / 2,7	petrol / 2,7	petrol / 3,6	petrol / 3,6
Consumption/Running time <sup>1</sup>	1,4 l / 2 h	1,4 l / 2 h	1,9 l / 2 h	1,9 l / 2 h
Start-up system	Recoil starter	Recoil starter	Recoil starter	Recoil starter
Sound power level LWA	101 dB(A)	103 dB(A)	103 dB(A)	105 dB(A)
Weight (kg)	25	26	25	26
Dimensions L x W x H in mm	527 x 368 x 417	527 x 368 x 417	527 x 368 x 417	527 x 368 x 417

ENDRESS units are subject to a permanent process of further development. Therefore ENDRESS reserves the right to make changes in the sense of a technical improvement. Therefore technical information and illustrations are without obligation.

ENDRESS products are supplied in the UK by:



Vimpex Ltd, Star Lane,  
Great Wakering,  
Essex SS3 0PJ, England

Phone +44 (0) 1702 216999 • Fax +44 (0) 1702 216999  
sales@vimpex.co.uk • www.rescue-tools.co.uk