

**K&SIBASIC**  
SIMPLE ENERGY



# Dear Customers and Business Partners!

DIMAX Group is grateful for your cooperation and interest in products from TM "Könner & Söhnen"! We are happy to introduce to you our range of budget generators under trademark "K&S BASIC" for household use.

The K&S BASIC generator range is a continuation of the development of our product range.

In the course of dealing with the challenge, DIMAX group engineers managed to create a product that is competitive at appropriate pricing and meets the philosophy of a qualitative budget generator for household use.

K&S BASIC generators are already in great demand in many European countries. Therefore, in the new season we expanded the range with new models of inverter generators. The integrated microprocessor-controlled electronic unit controls the generator operation and provides the most stable frequency of 50 Hz and voltage of 230 V. This makes the generator ideally suited for sensitive and high-precision electronics, electronic measuring instruments, medical devices, heating boilers, etc.

Due to our customers' growing interest in more affordable products, we have added new items to the TM "K&S BASIC" line: garden equipment (log splitters and wood chippers shredders).

The model range of K&S BASIC generators includes:



- cost-effective models with standard features;
- 0.9 to 5.5 kW gasoline powered and inverter generators;
- generators equipped with analog voltmeter or multifunction LED display;
- gasoline powered and inverter generators with manual or electric start;
- engines, the lifespan of which meets household needs;
- some models equipped with aluminum alternator winding, which offers a choice, but the customer is always an ultimate decision maker;
- generators with attractive and already recognizable appearance and elastic handles for convenient handling, which perfectly complement the design and the final look of the product.

K&S BASIC generators are household appliances intended for use in case of an emergency and as a short-term backup power supply. They are indispensable for customers who need standard features, which do not affect the equipment performance. At the same time, they do meet the needs of customers who want to buy a quality product with a reliable warranty, spare parts support and after-sales service.

We hope that these products will help our partners to further unleash their potential as generator and garden equipment sellers, attract even more customers and, as a result, earn a greater income and pleasure from selling high-quality generators from "Könner & Söhnen" and "K&S BASIC".

## GASOLINE GENERATORS



MODEL	KSB 2200A	KSB 2200C
Voltage, V	230	230
Max power, kW	2.2	2.2
Nominal power, kW	2.0	2.0
Frequency Hz	50	50
Current, A (max)	9.56	9.56
Outlets	2x16A	2x16A
Fuel tank volume, l	15	15
50% power working time	13	13
Voltmeter	+	+
Noise level LPA (7m)/LWA, dB	70/95	70/95
Power output DC, V/A	12/8.3	12/8.3
Engine model	KSB 180	KSB 180
Engine type	gasoline 4-stroke	
Engine power, hp	5.5	5.5
Crank case volume, cm <sup>3</sup>	0.6	0.6
Engine cylinder volume, cm <sup>3</sup>	163	163
Power output controller	AVR	AVR
Engine start	manual	manual
Power factor, cos φ	1	1
Protection class	IP23M	IP23M
Alternator winding	aluminum	copper
Dimensions (LxWxH), mm	605x445x450	605x445x450
Net weight, kg	34.7	35.4
QR code		

Acceptable deviation of a current is 5%

## GASOLINE GENERATORS



MODEL	KSB 2800A	KSB 2800C
Voltage, V	230	230
Max power, kW	2.8	2.8
Nominal power, kW	2.5	2.5
Frequency Hz	50	50
Current, A (max)	12.17	12.17
Outlets	2x16A	2x16A
Fuel tank volume, l	15	15
50% power working time	12	12
Voltmeter	+	+
Noise level LPA (7m)/LWA, dB	71/96	71/96
Power output DC, V/A	12/8.3	12/8.3
Engine model	KSB 210	KSB 210
Engine type	gasoline 4-stroke	
Engine power, hp	6.5	6.5
Crank case volume, cm <sup>3</sup>	0.6	0.6
Engine cylinder volume, cm <sup>3</sup>	196	196
Power output controller	AVR	AVR
Engine start	manual	manual
Power factor, cos φ	1	1
Protection class	IP23M	IP23M
Alternator winding	aluminum	copper
Dimensions (LxWxH), mm	605x445x450	605x445x450
Net weight, kg	36.1	37.4




QR code



Acceptable deviation of a current is 5%

## GASOLINE GENERATORS






MODEL	KSB 3500C	KSB 6500C	KSB 6500CE
Voltage, V	230	230	230
Max power, kW	3.0	5.5	5.5
Nominal power, kW	2.8	5.0	5.0
Frequency Hz	50	50	50
Current, A (max)	13.04	23.91	23.91
Outlets	2x16A	1x16A, 1x32A	1x16A, 1x32A
Fuel tank volume, l	15	25	25
50% power working time	10	9	9
LED display/Voltmeter	LED display	voltmeter	LED display
Noise level LPA (7m)/LWA, dB	71/96	71/96	71/96
Power output DC, V/A	12/8.3	12/8.3	12/8.3
Engine model	KSB 230	KSB 410	KSB 410
Engine type	gasoline 4-stroke		
Engine power, hp	7	13	13
Crank case volume, cm <sup>3</sup>	0.6	1.1	1.1
Engine cylinder volume, cm <sup>3</sup>	208	389	389
Power output controller	AVR	AVR	AVR
Engine start	manual	manual	manual/electro
Power factor, cos φ	1	1	1
Protection class	IP23M	IP23M	IP23M
Alternator winding	copper	copper	copper
Dimensions (LxWxH), mm	605x445x450	695x530x560	695x530x560
Net weight, kg	39.3	71.5	78.6
QR code			

Acceptable deviation of a current is 5%

## INVERTER GENERATORS





MODEL	KS 1200i	KSB 21i	KSB 35i
Voltage, V	230	230	230
Max power, kW	1.2	2.0	3.5
Nominal power, kW	1.0	1.8	3.2
Frequency Hz	50	50	50
Current, A (max)	5.22	8.7	15.22
Outlets	1x16A	2x16A	2x16A
Fuel tank volume, l	3.5	10	25
50% power working time	5.5'	13'	13.5'
Noise level LPA (7m)/LWA, dB	67/92	70/95	71/96
Power output DC, V/A	12/5	-	12/8.3
Engine model	KSB 110i	KSB 130i	KSB 240i
Engine type	gasoline 4-stroke		
Engine power, hp	2.0	3.2	7.0
Crank case volume, cm <sup>3</sup>	0.4	0.4	0.6
Engine cylinder volume, cm <sup>3</sup>	87	119	212
Engine start	manual	manual	manual
Power factor, cos φ	1	1	1
Protection class	IP23M	IP23M	IP23M
Dimensions (LxWxH), mm	310x310x380	455x385x435	520x440x470
Net weight, kg	13	22	35.5
QR code			

Acceptable deviation of a current is 5%

To ensure reliability and increase the engine service life, peak powers may be slightly limited by circuit breakers. The optimal operating conditions are ambient temperature of 17–25°C, barometric pressure of 0.1 MPa (760 mm Hg), and relative humidity of 50–60%. Under these environmental conditions, the generator can provide maximum performance in terms of the declared specifications. In the event of deviations from these environmental indicators, the generator performance may vary. Please note that in order to preserve the long service life of the generator, continuous loads of more than 80% of the nominal power are not recommended.

## INVERTER GENERATORS



MODEL	KSB 21i S	KSB 31i E S
Voltage, V	230	230
Max power, kW	2.0	3.1
Nominal power, kW	1.8	3.0
Frequency Hz	50	50
Current, A (max)	8.6	13.4
Outlets	2x16A	2x16A
Fuel tank volume, l	4.0	6
50% power working time	5.5'	6.5'
Noise level LPA (7m)/LWA, dB	59/93	69/96
Power output DC, V/A	12/5	12/8.3
Engine model	KSB 100i	KSB 170i
Engine type	gasoline 4-stroke	
Engine power, hp	2.9	4.8
Crank case volume, cm <sup>3</sup>	0.6	0.8
Engine cylinder volume, cm <sup>3</sup>	78.5	149.8
Engine start	manual	manual/ electro
Lithium battery, Ah	-	4.5
Protection class	IP23M	IP23M
Dimensions (LxWxH), mm	540x300x450	600x360x500
Net weight, kg	20	30
QR code		

Acceptable deviation of a current is 5%

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## INVERTER GENERATORS



<b>MODEL</b>	<b>KSB 22i S</b>
Voltage, V	230
Max power, kW	2.0
Nominal power, kW	1.8
Frequency Hz	50
Current, A (max)	7.9
Outlets	2x16A
Fuel tank volume, l	4
Noise level LPA (7m)/LWA, dB	62/87
Power output DC, V/A	12V/5A
Engine model	KSB 100i
Engine type	gasoline 4-stroke
Maximum ambient temperature	40°C
Engine power, hp	2.7
Crank case volume, cm <sup>3</sup>	0.35
Engine cylinder volume, cm <sup>3</sup>	79.7
Engine start	manual
Generator parallel socket	+
Performance class	G2
Protection class	IP23M
Dimensions (LxWxH), mm	540x325x490
Net weight, kg	21

Допустимое отклонение от номинального напряжения – не более 5%

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## GARDEN EQUIPMENT




Protective kit  
(polycarbonate glasses, safety gloves, and ear muffs)



LOG SPLITTER MODEL	KSB 6THE 52/25
Log splitter type	hydraulic
Voltage, V/ Frequency, Hz	230/ 50
Engine power, W	1600
Splitting force, t	6
Engine type/Engine model	electric/KS ECO 1600
Cable length, m	1.85
Max. splitting length, mm	520
Max. splitting diameter, mm	250
Cutting time, sec	~ 10
Working position	horizontal
Wheels	6"
Dimensions (LxWxH), mm	980x270x520
Gross weight, kg	47
QR code	

- Possibility to purchase as a set with 4-way splitter wedge KSB 6T-PC.
- Optional accessories: Protective metal grill KSB 6T-BL.

WOOD CHIPPER SHREDDER MODEL	KSB 300WS
Engine power, hp	6.5
Engine speed, rpm	3600
Engine start	manual
Max. chipping capacity, mm	76
Chip ejection height, mm	760
Engine type/Engine model	gasoline 4 stroke/KSB 230
Fuel tank volume, l	3.6
Crank case volume, l	0.6
Number of cutting blades, pcs	6
Max. Blade speed, rpm	2400
Wheels	10"
Dimensions (LxWxH), mm	610x510x850
Gross weight, kg	63
QR code	

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