





Hours of work
in the garden...
and still some
power in
reserve.

When garden work needs tackling, endurance is paramount. With our powerful battery tools and their long battery life, you'll be sure to have enough energy. What's more, their compact design and low weight ensure they're a pleasure to use.

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PRO battery power system for professional applications 20

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Easy, flexible and sustainable.

Anyone who loves working in the garden and with nature is always thinking of the future. Nature should grow and thrive and, when caring for it, we should ensure sustainability and low emissions. STIHL battery tools are the perfect choice for this task.

Technology

- All STIHL's battery tools are driven by powerful lithium-ion batteries.
- Advanced parts and cutting attachments increase the efficiency of these tools.
- EC motors provide consistent performance.

Quality

- Each and every STIHL battery tool is designed and tested for optimal performance.
- Over 90 years of experience with power tools go into the development of quality, reliable battery tools with top performance.

Diversity

- From small gardens to everyday professional use, STIHL has the right tool for the job.
- STIHL battery power systems with interchangeable batteries make them a versatile choice for any garden task.

Battery power. Made by STIHL.



Battery products for smaller gardens

STIHL battery products give you the support you need for keeping your garden looking its best. With built in batteries, they offer light weight and straightforward handling, making jobs for the domestic user even easier to complete.

➤ Find out more on page 12



COMPACT battery power system for medium-sized and larger gardens

Your garden is your own very personal project, and the tools you use need plenty of power, whilst also being easy to use. The STIHL COMPACT battery power system with interchangeable AK batteries offers a flexible range of tools for medium to large gardens. Domestic use, professional heritage. Ready for any challenge.

➤ Find out more on page 14



PRO battery power system for large gardens and professional applications

Powerful performance, long battery life and outstanding handling are essential when tackling more demanding gardening jobs. STIHL's professional battery products offer quiet, emission free performance, particularly useful in noise-sensitive areas. STIHL offers a wide selection of products for large gardens and professional use in the PRO battery power system range.

➤ Find out more on page 20



Battery products for smaller gardens

STIHL has the right solution for smaller gardening tasks. The tools feature a modern design, making them easy to handle, while their low weight and integrated battery (excluding HSA 25) also makes the hedge trimmer, blower and grass trimmer easier to operate.

HSA 25



Lithium-Ion

Battery shrub shears with shrub and grass trimmer attachments. Shrub trimmer to trim and maintain small evergreen hedges and small-leaved ornamental trees with up to 8mm branch thickness. Grass trimmer attachment for edging around smaller lawns, patios and flower beds. Comfortable and rubberised handle, double-stroke blade for a powerful cut and low vibration, weight 0.6kg^①. Battery only fits the HSA 25. For work close to the ground, it is recommended to use the telescopic shaft. For more information on the features and technical details, see page 19.

HSA 25 kit includes:

- 1 x lithium-ion battery, 21.6 Wh, battery life up to 110 min
- 1 x charger, battery charging time 140 min/180 min (80%/100%)
- 1 x shrub cutter, cutting length 17cm
- 1 x grass trimmer, cutting width 11cm
- 1 x black/orange carry bag with eyelets for wall mounting

| Bar length | Order No. |
|------------|---------------|
| 17 cm / 7" | 4515 011 3502 |

Telescopic shaft for HSA 25

Enables work with the HSA 25 in an upright position when using the grass trimming blade. Telescopic from 95 – 110cm, working angle that can be adjusted through 125°, smooth running wheels.



Order No. 4515 710 7100

HSA 45



Lithium-Ion

A very light battery hedge trimmer, the ideal choice for trimming shrubs and hedges. Double-sided trimmer blade with 24mm tooth spacing, integrated cut protection, screw-on tip protector, integrated Lithium-Ion battery (36Wh) with charge level indicator. Weight: 2.3 kg^②. Battery charging time 145 min/210 min (80%/100%). For more information on features and technical details, see page 19.

| Bar length | Order No. |
|-------------|---------------|
| 50 cm / 20" | 4511 011 3504 |

BGA 45



Lithium-Ion

Easily manoeuvrable battery blower for cleaning small outdoor areas around the garden and patio. Round nozzle, integrated lithium ion battery (45Wh) with charge level indicator. Weight: 2.0 kg^②. Battery charging time 210 min/300 min (80%/100%). For more information on features and technical details, see page 156.

Order No. 4513 011 5904

An overview of working periods per battery charge is provided on page 19.

① Weight excluding battery but including cutting tool

② Weight including battery

Lithium-Ion



FSA 45

Lithium-Ion



Compact battery grass trimmer for trimming lawn edges. Integrated Lithium-Ion battery (36Wh) with charge level indicator, loop handle with tool free adjustment, adjustable angle mowing head for lawn edging. Easy to switch between PolyCut blades and mowing lines without changing the mowing head, spacer bracket. Weight: 2.3 kg[®]. Battery charging time: 145 min/210 min (80%/100%). For more information on features and technical details, see page 112.

Order No. 4512 011 5704

Battery working examples[®]

HSA 25



Trim up to... Box tree balls



30 balls

HSA 45



Up to ... m² of hedge



80 m²

BGA 45



Dry leaves and asphalt: up to ... m²



200 m²

FSA 45



Lawn edges: up to ... m/
Lawn: up to ... m²



250 m/
50 m²

© The values provided are estimates and may vary depending on material being cut or blown.



COMPACT battery power system for medium-sized and larger gardens

With the COMPACT battery power system, you can tackle the most demanding challenges posed by your garden. The interchangeable AK Lithium-Ion batteries offer high performance and lots of staying power, even when working on larger areas. All AK batteries are compatible with an AL charger and any tool in the COMPACT range.

MSA 120 C-B



Lightweight battery chainsaw for cutting firewood and garden maintenance. Soft handle, quick and tool-free chain change process with STIHL Quick Chain Tensioning, QuickStop Super chain brake, oil tank with transparent viewing window, high cutting performance and low vibration with a slim 1/4" PM3 saw chain. Weight: 2.7 kg[Ⓞ]. More information about features and technical details can be found on page 56.

MSA 120 C-B excluding battery and charger[Ⓢ]

| Bar length | Order No. |
|-------------|---------------|
| 30 cm / 12" | 1254 011 5800 |

MSA 120 C-B set with AK 20 and AL 101[Ⓢ]

| Bar length | Order No. |
|-------------|---------------|
| 30 cm / 12" | 1254 011 5884 |

MSA 140 C-B



Lightweight battery chainsaw for cutting firewood and garden maintenance. 25% more cutting performance compared to the MSA 120 C-B. Soft handle and quick, tool-free chain change process due to STIHL Quick Chain Tensioning, QuickStop Super chain brake, oil tank with transparent viewing window, high cutting performance with a 1/4" PM3 saw chain. Weight: 2.6 kg[Ⓞ]. For more information on features and technical details, see page 56.

MSA 140 C-B excluding battery and charger[Ⓢ]

| Bar length | Order No. |
|-------------|---------------|
| 30 cm / 12" | 1254 011 5840 |

MSA 140 C-B set with AK 30 and AL 101[Ⓢ]

| Bar length | Order No. |
|-------------|---------------|
| 30 cm / 12" | 1254 011 5854 |



Lithium-Ion
COMPACT



HSA 56

✓ **AK 10** **Lithium-Ion COMPACT**



Lightweight battery hedge trimmer with high cutting performance for trimming bushes and hedges in your garden. Double-sided trimming blade with 30mm tooth spacing, integrated cut protection in a droplet shape to help guide hedge material towards cutters, screw-on blade tip protector. Weight: 2.9 kg[Ⓞ]. For more information on features and technical details, see page 134.

HSA 56 excluding battery and charger

| Bar length | Order No. |
|-------------|---------------|
| 45 cm / 18" | 4521 011 3500 |

HSA 56 set with AK 10 and AL 101

| Bar length | Order No. |
|-------------|---------------|
| 45 cm / 18" | 4521 011 3514 |

BGA 56

✓ **AK 20** **Lithium-Ion COMPACT**



Well balanced and powerful battery blower with a streamlined design for comfortable and effortless work. Round nozzle, soft handle, three-setting length-adjustable blower tube for achieving optimum blowing force in use. Weight: 2.1 kg[Ⓞ]. For more information on features and technical details, see page 156.

BGA 56 excluding battery and charger

Order No. 4523 011 5900

BGA 56 set with AK 20 and AL 101

Order No. 4523 011 5914

An overview of battery ranges (example application) is provided on page 18.
An overview of battery charging times, working periods per battery charge and battery ranges is provided on page 19.

B = Quick Chain Tensioning

Ⓞ Weight excluding battery but including guide bar and saw chain
Ⓜ Weight excluding battery

Ⓝ Including guide bar and saw chain

FSA 56



Lightweight battery grass trimmer with high mowing performance. Cutting circle diameter of 280mm, adjustable shaft length at the press of a button and handle adjustment without any tools. Soft handle with control lever. The mowing line automatically extends when the mowing head is tapped on the ground. Weight: 2.5 kg^①. For more information on features and technical details, see page 112.

FSA 56 excluding battery and charger

Order No. 4522 011 5700

FSA 56 set with AK 10 and AL 101

Order No. 4522 011 5714

HLA 56



NEW

Available from Spring 2019



Lightweight and well balanced battery long-reach hedge trimmer for cutting taller hedges and shrubs in your garden. Double-sided blades in a droplet shape to help guide hedge material towards the cutters, adjustable head for cutting at angles ranging from -45° to +90°, detachable shaft for easy transport. Carrying length: 115 cm. Total length: 210 cm. Weight: 3.8 kg^②. For more information on features and technical details, see page 19.

HLA 56 excluding extension shaft, battery and charger

Order No. HA01 011 2906



➤ **Optional:** HLA 56 extension shaft, 50cm
Order No. HA018205000



STIHL professional tip:



STIHL offers a wide selection of batteries for products in the COMPACT and PRO battery power ranges. STIHL recommends a specific battery for each product so that you're always best equipped for your work. These recommendations take into account maximum power, sufficient battery runtime, lowest possible weight and balanced weight distribution. The result: the best performance and ease of use from your power tools.

V = Vario drive

① Weight excluding battery, including cutting tool and guard

② Weight excluding battery

③ Power capacity according to the specifications of the cell manufacturer.

The power capacity available during actual operation is lower, to increase service life

RMA 339



NEW

✓AK
20

Lithium-Ion
COMPACT

Lightweight, manoeuvrable battery lawn mower for mid-sized areas of lawn. Adjustable handlebars for ergonomic work. Central cut-height adjustment, automatic speed control, and flow-optimised blades ensure longer battery life. Folding 40-litre grass collection box with fill level display, cutting width 37 cm. Weight: 16.0 kg[®]. For more information on features and technical details, see page 94.

RMA 339 excluding battery and charger

Order No. 6320 011 1416

RMA 339 set with AK 30 and AL 101

Order no. 6320 011 1445

RMA 460 V



NEW

Available from
Spring 2019

✓AK
20

Lithium-Ion
COMPACT

Efficient, self-propelled battery lawn mower with 46 cm cutting width for medium-sized lawns. With automatic motor-speed control, central cutting height adjustment, electric Vario wheel drive and handlebar with 3 height settings for comfortable working. Includes 60-litre textile grass catcher. Weight 31 kg[®]. For more information on features and technical details, see page 94.

RMA 460 V without battery and charger

Order no. 6368 011 1412

AK batteries

Lithium-Ion
COMPACT



Compatible with the STIHL COMPACT battery power system. Lightweight lithium-ion batteries with different capacities and a charge level indicator (four LEDs).

AK 10

59 Wh battery power[®],
0.8 kg

Order No. 4520 400 6500

AK 20

118 Wh battery power[®],
1.2 kg

Order No. 4520 400 6503

AK 30

187 Wh battery power[®],
1.3 kg

Order No. 4520 400 6512

AL 101 standard charger



240 V. Compatible with STIHL AK and AP batteries. With charge level indicator (LED). Cable tie with Velcro tape. Wall mounting possible.

Order No. 4850 430 2525

RMA 460



✓AK
20

EC
MOTOR

Lithium-Ion
COMPACT




















Robust battery lawn mower with central cut-height adjustment and 4-in-1 function: mowing, mulching, catching, and side ejection. Automatic speed control as well as directly driven blade ensure longer battery life. Robust sheet steel housing, height-adjustable handlebar with soft handle, 60-litre textile grass catcher, cutting width: 46 cm. Weight: 26.0 kg[®]. For more information on features and technical details, see page 94.

RMA 460 excluding battery and charger

Order No. 6368 011 1402

Battery power tools







1



| | | AK 10 | AK 20 | AK 30 |
|---|---|---|---|---|
| | |  |  |  |
| Battery ranges^① (example application) | | | | |
| MSA 120 C-B | | | | |
|  | When sawing square timber (10 x 10 cm); up to... Cuts  | 40 cuts ^② | 100 cuts | 150 cuts |
| MSA 140 C-B | | | | |
|  | When sawing square timber (10 x 10 cm); up to... Cuts  | 40 cuts ^② | 100 cuts ^② | 180 cuts |
| FSA 56 | | | | |
|  | Up to ... m of lawn edges/up to ... m ² of lawn  | 500 m / 100 m ² | 1,000 m / 200 m ² | 1,500 m / 300 m ² |
| NEW HLA 56 | | | | |
|  | Up to...m ² of hedge  | 190 m ² | 380 m ² | 460 m ² |
| HSA 56 | | | | |
|  | Up to...m ² of hedge  | 140 m ² | 280 m ² | 420 m ² |
| BGA 56 | | | | |
|  | Up to ... m ² of dry leaves on asphalt  | 300 m ² | 600 m ² | 900 m ² |
| RMA 339 | | | | |
|  | Up to ... m ² of lawn  | – | 150 m ² | 400 m ² |
| RMA 460 | | | | |
|  | Up to ... m ² of lawn  | – | 230 m ² | 350 m ² |

① Available from Spring 2019!

② The values provided are estimates and may vary depending on cuttings

③ Reduced tool performance

| | Replacement battery ^③ | Integrated battery ^③ | AK 10  | AK 20  | AK 30  |
|--|----------------------------------|---------------------------------|---|--|--|
| Battery charging times (min)^④ | | | | | |
| AL 101  | – | – | 55/ 80 | 105/ 150 | 160/ 205 |
| AL 300  | – | – | 20/ 30 | 25/ 45 | 35/ 60 |
| AL 500  | – | – | 20/ 30 | 25/ 45 | 35/ 60 |
| Working hours per battery charge (up to ... min)^⑤ | | | | | |
| STIHL HSA 25 | 110 | – | – | – | – |
| STIHL FSA 45 (with PolyCut 2-2 blades/line) | – | 20/12 | – | – | – |
| STIHL HSA 45 | – | 40 | – | – | – |
| STIHL BGA 45 | – | 10 | – | – | – |
| STIHL MSA 120 C-B | – | – | 15 | 35 | 55 |
| STIHL MSA 140 C-B | – | – | 15 | 35 | 45 |
| STIHL FSA 56 (with nylon mowing head) | – | – | 20 | 40 | 60 |
| NEW HLA 56 | – | – | 50 | 100 | 120 |
| STIHL HSA 56 | – | – | 40 | 80 | 120 |
| STIHL BGA 56 | – | – | 10 | 20 | 30 |
| Battery ranges (up to ... m²)^⑤ | | | | | |
| RMA 339 | – | – | 150 | 300 | 400 |
| RMA 460/ NEW RMA 460 V | – | – | – | 230 | 350 |

 Recommended battery
 Reduced tool performance

③ See product description for charging times

④ Charging times in minutes to 80%/100% capacity

⑤ The battery working times and area specifications for each battery charge are estimates and may vary depending on how the tool is used and what is being cut



The PRO battery power system for large gardens and professional applications

For professionals and the most demanding gardens, a battery tool needs to offer a lot: consistently high performance, the greatest possible energy efficiency and best possible ergonomics, and flexibility in use. STIHL provides all of this with the PRO battery power system. In this extensive range of tools, the professional user will find the right product for the job.

MSA 160 C-B



Battery chainsaw, ideal for cutting firewood and work around the garden. Suitable for use in noise-sensitive areas, no ear protection necessary. STIHL Quick Chain Tensioning, QuickStop Super chain brake, tool-free oil cap, with 1/4" PM3 saw chain for a smooth and efficient cut. Weight: 3.1 kg ^①. For more information on features and technical details, see page 56.

MSA 160 C-B excluding battery and charger ^③

| Bar length | Order No. |
|-------------|---------------|
| 30 cm / 12" | 1250 200 0049 |

MSA 200 C-B



Battery chainsaw with high cutting performance. Ideal for cutting firewood and work around the garden as well as professional applications. Suitable for use in noise-sensitive areas. 44 % more cutting performance compared to the MSA 160 C-B. STIHL Quick Chain Tensioning, tool-free oil cap, with 1/4" PM3 saw chain for smooth, efficient and high performance cut, and bumper spikes made of metal. Weight: 3.3 kg ^①. For more information on features and technical details, see page 56.

MSA 200 C-B excluding battery and charger ^③

| Bar length | Order No. |
|-------------|---------------|
| 35 cm / 14" | 1251 200 0021 |

An overview of battery charging times, working periods per battery charge and battery ranges is provided on page 31.

B = Quick Chain Tensioning
T = Top handle

① Weight excluding battery but including guide bar and saw chain
② Specially designed for working among tree branches and should only be used by trained arborists

③ Including guide bar and saw chain
④ Explanation of symbols on page 259



Lithium-Ion
 PRO

MSA 161 T



✓ **AP 200** **EC MOTOR** **Lithium-Ion PRO**

NEW
 Available from
 Mid 2019



Very lightweight and compact, professional battery arborist chain saw for tree maintenance. The smooth and extremely efficient 1/4" PM3 saw chain coupled with a powerful EC motor produces high performance throughout the entire cut. Includes captive nuts on the sprocket cover. Weight: 2.1 kg[®]. For more information on features and technical details, see page 56.

MSA 161 T excluding battery and charger [®]

Bar length **Order No.**
30 cm / 12" **1252 011 5810**



KMA 130 R



Powerful battery KombiEngine with high torque and low weight. Three power levels for energy-efficient and low-noise work in all applications. Supplied with shoulder harness. Suitable for use with AP batteries and connecting cable or with AR backpack batteries. Weight: 3.2 kg^①. The compatible KombiTools can be found from page 82. More information on features and technical details can be found on page 84.

KMA 130 excluding battery and charger

Order No. 4867 011 6820

Compatible accessories



FS-KM
(nylon mowing head)



HT-KM
(pole pruner)



FS-KM
(grass cutting blade)



BG-KM
(blower)



HL-KM 145°
(long-reach hedge trimmer)

And 6 other attachments on page 82 onwards.

RMA 510



Robust battery lawn mower with large cutting width and 4-in-1 function: mowing, mulching, catching, and side ejection. Central cut-height adjustment. Automatic speed control as well as directly driven blade ensures longer battery life. Robust sheet steel housing, height-adjustable handlebar with soft handle, 75-litre textile grass catcher, cutting width: 51 cm. Weight: 28 kg^①. For more information on features and technical details, see page 94.

RMA 510 excluding battery and charger

Order No. 6372 011 1402

RMA 443 C

NEW



Powerful and manoeuvrable battery lawn mower for larger areas of lawn. Adjustable mono comfort handlebars for comfortable work. Central cut-height adjustment, automatic eco mode, and flow-optimised blades ensure longer battery life. Robust polymer housing, folding 55 litre grass collection box with fill level display, cutting width 41cm. Weight from 21.0 kg^①. For more information on features and technical details, see page 94.

RMA 443 C excluding battery and charger

Order No. 6338 011 1412

RMA 510 V



NEW

Available from Spring 2019



Efficient self-propelled battery lawn mower with 51 cm cutting width for medium-sized lawns. Central cutting height adjustment, electric Vario wheel drive as well as foldable handlebar with 3 height settings for comfortable working. Includes 75-litre textile grass catcher. Weight 33 kg^①. For more information on features and technical details, see page 94.

RMA 510 V without battery and charger

Order no. 6372 011 1402

Other versions:

RMA 510 see table on page 120

V = Vario drive
R = pruning (with hedge trimmers)
T = trimming (with hedge trimmer)

① Weight excluding battery and KombiTool
② Weight excluding battery
③ Explanation of symbols on page 253

HSA 66



Battery hedge trimmers offer high cutting performance at a low weight, and maintain a constant stroke rate under load, even during tough jobs. 30 mm tooth spacing, droplet-shaped cutter geometry holds twigs more effectively in the blade, single-sided cutter blade, integrated cut protection, and screw-on tip protector. Weight: 3.1 kg[®]. For more information on features and technical details, see page 134.

HSA 66 excluding battery and charger

| Bar length | Order No. |
|-------------|---------------|
| 50 cm / 20" | 4851 011 3520 |

HSA 94 R



Extremely high-performance and robust professional battery hedge trimmer with lower blade speed for powerful cuts. Constant stroke rate (even under extreme load when performing heavy pruning), rotating multi-function handle with three-setting stroke rate, double-sided and double-edged cutting blade in the pruning version, and screw on cut and tip protector. Weight: from 4.1 kg[®]. Battery operation with the aid of the AP holster with connecting cable or a carrying system (see page 23). For more information on features and technical details, see page 134.

HSA 94 R excluding battery and charger

| Bar length | Order No. |
|-------------|---------------|
| 75 cm / 30" | 4869 011 3503 |

HSA 86



This battery hedge trimmer offers high power and efficiency at a low weight. It ensures a constant stroke rate under load, even while pruning thick hedges. 33mm tooth spacing, double-sided and double-edged cutting blade in two lengths, screw-on cut and tip protector. Weight: from 3.0 kg[®]. For more information on features and technical details, see page 134.

HSA 86 excluding battery and charger

| Bar length | Order No. |
|-------------|---------------|
| 62 cm / 24" | 4851 011 3521 |

HSA 94 T



Extremely high-performance and robust professional battery hedge trimmer with high blade speed for precise cuts. A constant stroke rate even under load, rotating multifunction handle with three-setting stroke rate, double-sided cutting blade in the trimming version, and screw-on cut and tip protector. Weight: from 3.7 kg[®]. Battery operation with the aid of the AP holster with connecting cable or a carrying system (see page 30). For more information on features and technical details, see page 134.

HSA 94 T excluding battery and charger

| Bar length | Order No. |
|-------------|---------------|
| 60 cm / 24" | 4869 011 3511 |

An overview of battery charging times, working periods per battery charge and battery ranges is provided on page 31.

BGA 85



The very easy and convenient to operate battery blower. Round nozzle, soft handle, infinitely variable speed control, and very quiet operation. Weight: 3.2 kg^②. For more information on features and technical details, see page 156.

BGA 85 excluding battery and charger

Order No. 4853 011 5900

KGA 770



Battery sweeping machine for large areas both indoors and outdoors. STIHL MultiClean PLUS sweeping system, 8-fold central height adjustment, lateral guide roller, transport handle, stores upright to save space, ergonomically shaped 2-fold height-adjustable push bar. Easy and effortless to push due to the battery operation of the circular brushes and power sweep. This enables thorough cleaning of edges and corners, even when the machine is stationary. The low-wear nylon bristles come with a four-year STIHL durability warranty. Container capacity of 50 l, sweep width of 77 cm. Weight: 16.0 kg^④. For more information on features and technical details, see page 162.

KGA 770 excluding battery and charger

Order No. 4860 011 4703

BGA 100



Very powerful yet pleasantly quiet and lightweight battery blower for professional use, especially in urban, noise sensitive areas. Round nozzle, soft handle, three power levels with additional boost function, three position length-adjustable blower tube, loop for attaching to support cushion. Weight 2.5kg^②. For more features and technical details, see page 156.

BGA 100 excluding battery and charger

Order No. 4866 011 5900

TSA 230^③



World's first battery cut-off machine with 9"/230mm cutting wheel for wet cutting. Particularly useful for roof tiles and metalwork. Easy to control, light weight yet powerful. Suitable for indoor and outdoor use, up to 70mm cutting depth, water connection with on/off valve and hose coupling. Tool free spindle lock, maintenance free belt drive. Weight: 3.9 kg^④. For more information on features and technical details, see page 200.

TSA 230 excluding battery and charger

Order No. 4864 011 6600

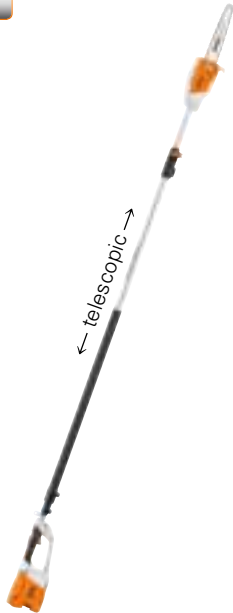
① Explanation of symbols on page 253

② Weight excluding battery

③ Supplied with abrasive cutting wheel. Not supplied with diamond wheel as pictured.

④ Weight excluding battery and abrasive cutting wheel

HTA 85



Telescopic battery pole pruner for grounds maintenance, orchards professional tree maintenance and arborists. Lightweight and powerful, with 1/4" PM3 saw chain for a precise cut, high cutting performance, low vibration and quiet for use in urban areas. With side-mounted chain tensioning and captive nut on the sprocket cover. Total length: 270 – 390cm. Weight: 4.9 kg[Ⓢ]. For more information on features and technical details, see page 58.

HTA 85 excluding battery and charger[Ⓢ]

Order No. 4857 200 0029

HLA 65

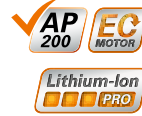


Battery long-reach hedge trimmer for tall and wide hedges. Constant blade stroke regardless of the load, can be folded together, adjustable for vertical, overhead and ground-level cutting, cutter bar adjustable by 115°, long reach, double-sided cutting blades. Carrying length: 125 cm. Total length: 205 cm. Weight: 3.5 kg[Ⓢ]. For more information on features and technical details, see page 139.

HLA 65 excluding battery and charger

Order No. 4859 011 2900

HLA 85



The battery hedge trimmer for tall hedges and professional applications, with a telescopic shaft that provides long reach. Variable speed control, adjustable for vertical, overhead and ground-level cutting, cutter bar adjustable by 115°, double-sided cutting blades. Tool-free adjustment of the shaft length using quicktensioning lever, transport length of 180cm, total length of 260 – 330cm. Weight: 4.4 kg[Ⓢ]. For more information on features and technical details, see page 139.

HLA 85 excluding battery and charger

Order No. 4859 011 2920

An overview of battery charging times, working periods per battery charge and battery ranges is provided on page 31.

Ⓢ Weight excluding battery, including guide bar and saw chain
 Ⓢ Including guide bar and saw chain

FSA 65



Battery brushcutter for thinning work. Cutting circle diameter of 300 mm, soft grip, infinitely variable loop handle, the mowing line automatically extends when the mowing head is tapped on the ground.

Weight: 2.7 kg[Ⓜ]. For more information on features and technical details, see page 112.

FSA 65 excluding battery and charger

Order No. 4852 011 5700

FSA 85



Powerful battery grass trimmer for mowing around obstacles, trees and bushes. 350mm cutting diameter with spacer bracket to maintain cutting distance, tool-free adjustable loop handle, mowing line feeds and cuts to length when the mowing head is tapped on the ground. Quiet in use so no ear protection necessary. Variable speed control.

Weight: 2.8 kg[Ⓜ]. For more information on features and technical details, see page 112.

FSA 85 excluding battery and charger

Order No. 4852 011 5701

FSA 90



Battery brushcutter for working on large areas of tough grass. 260mm cutting diameter with AutoCut mowing head, bike handle, ECOSPEED variable speed control, double shoulder harness, no ear protection required. Weight: 3.2 kg[Ⓜ]. For more information on features and technical details, see page 112.

FSA 90 excluding battery and charger

Order No. 4863 200 0002

➤ **Additional versions:**

FSA 90 R

see table, page 112

FSA 130



Professional battery brushcutter for working on large areas of tough grass and mowing around obstacles, trees and posts. 280mm cutting diameter, loop handle, ECOSPEED variable speed control, single shoulder harness and AutoCut mowing head. No ear protection required. Weight: 4.5 kg[Ⓜ]. For more information on features and technical details, see page 112.

FSA 130 excluding battery and charger

Order No. 4867 200 0000

➤ **Additional versions:**

FSA 130 R

see table, page 112



AR backpack batteries



Backpack Lithium-Ion batteries with big capacity for longer running times. Sturdy housing with base and charge level indicator (six LEDs), comfortable and ergonomic harness with integrated carry handle and rain cover.

AR 1000

626 Wh battery power ^②, 4.3 kg ^③/5.5 kg ^④, with USB port for charging smartphones etc.

Order No. 4865 400 6505

AR 3000

1.148 Wh battery power ^②, 6.8 kg ^③/8.1 kg ^④

Order No. 4865 200 6520

AP batteries



NEW

Available* from Autumn 2019
*As current ranges deplete



Compatible with the PRO battery power system. Very powerful Lithium-Ion batteries with charge level indicator (four LEDs). Available with different energy capacities.

AP 100

94 Wh battery power ^②, 0.8 kg

Order No. 4850 400 6550

AP 200

187 Wh battery power ^②, 1.3 kg

Order No. 4850 400 6560

AP 300

227 Wh battery power ^②, 1.7 kg

Order No. 4850 400 6570

AP 300 S

281 Wh battery power ^②, 1.8 kg

Order No. 4850 400 6580

AP batteries



Only while stocks last!

Compatible with the PRO battery power system. Powerful lithium-ion batteries with charge level indicator (four LEDs). Available with different energy capacities.

AP 200

151 Wh battery power ^②, 1.3 kg

Order No. 4850 400 6530

AP 300

227 Wh battery power ^②, 1.7 kg

Order No. 4850 400 6540

AL quick chargers



240 V. For STIHL AK, AP and AR batteries. Device in housing base for wall mounting and cable tie with velcro tape, operating mode indicator (LED) and active battery cooling.

AL 300

Order No. 4850 430 5505

AL 500

Order No. 4850 430 5705

AL 101 standard charger



240 V. Compatible with STIHL AK and AP batteries. With charge level indicator (LED). Cable tie with Velcro tape. Wall mounting possible.

Order No. 4850 430 2525

Battery solutions

STIHL has a solution for any application in the PRO battery power system range. If you need maximum freedom of movement, tools with a battery slot are the best choice. If you need minimum weight for long periods of work, tools with a connecting cable are ideal for the task at hand.



Tools with a battery slot

The battery slot is encased in the tool housing. The battery can be easily removed by moving the locking lever.



Tools with a socket for connecting cable

The connecting cable with plug connects the STIHL AP or AR batteries with the tool. This means that the battery can be worn on the body to reduce weight of the tool.

STIHL professional tip:



STIHL offers a wide selection of batteries for the PRO battery power systems. STIHL recommends a specific battery for each product so that you're always best equipped for your work. These recommendations take into account maximum power, sufficient battery runtime, lowest possible weight and balanced weight distribution. The result: the best performance and ease of use from your power tools.

① Explanation of symbols on page 253

② Power capacity according to the specifications of the cell manufacturer. The power capacity available during actual operation is lower, to increase service life

③ Weight excluding carrying system

④ Weight including carrying system

Battery belt with harness



Sturdy and ergonomically shaped belt with comfortable harness for weight distribution across hips and shoulders. Reduced total weight in the hand, as the battery in the AP holster with connecting cable is worn on the belt. Power is supplied by combining with additional accessories, such as the AP holster with connecting cable for tools with a socket, and additionally with an AP adapter for tools with a battery slot.

Belt and harness

Order No. 4850 490 0500

Accessories: Bag for battery belt



Can be used to easily carry another AP battery or accessories such as safety glasses, gloves or resin remover spray. Attaches to the battery belt.

Order No. 4850 491 0101

Accessories: Weight kits for AP adapter



To be attached to the AP adapter to improve the tool balance, e.g. for FSA 90, approx. 500g.

Order No. 4850 007 1001

Carrying system



Convenient, lightweight carrying system for up to two AP batteries. To be used in combination with an AP holster with a connecting cable – as an alternative to AR backpack batteries. Suitable for tools with a socket and tools with a battery slot.

Order No. 4850 490 0400

AP holster with connecting cable



Makes it possible to transfer energy between a STIHL AP battery and a tool with a socket. Can be combined with the carrying system and the battery belt.

Cable length: 120 cm.

With integrated electronics for overload switching with acoustic signals.

Order No. 4850 440 5101

Cover for AP battery slot



For covering the battery slot on STIHL PRO battery power system battery-powered tools. Protects against dust and dirt during longer periods of storage.

Order No. 4850 602 0900

Accessories: AP adapter



The AP adapter is needed to transfer power between a STIHL AP battery or a STIHL AR battery and a power tool with a battery slot in combination with the AP holster with connecting cable.

Order No. 7004 200 0011

Support cushion set



For retrofitting to all FS harnesses in the ADVANCE series without comfort carry rings. With an adapter for attaching the support cushions for FSA, KMA and BGA 100 to the AR backpack batteries' carrying system.

Order No. 0000 007 1045

Battery boxes

A space-saving and convenient way to transport batteries and chargers. Compatible with the Sortimo L-BOXX and Sortimo Globelyst in-vehicle systems.



With inlay. For four batteries or two AP batteries and AL 300 or AL 500 charger.

Order No. 0000 881 5605



With anti-slip mat. For e.g., AP or AR batteries and AL charger.

Order No. 7013 200 0004

Power tools with a socket – power supply and carrying systems



Battery power supply

- AP 100
- AP 200
- AP 300
- NEW** AP 300 S



AP holster with connecting cable

- AR 1000
- AR 3000



Carrying systems

Battery belt with harness



Carrying system



integrated

Attachment options



Support cushion set for BGA 100, KMA 130 R, FSA 130/R



Support cushion set for BGA 100, KMA 130 R, FSA 130/R



| | AP 100 | AP 200 | AP 300 | AP 300 S NEW | AR 1000 | AR 3000 |
|--|-----------------|--------------------------|--------------------------|----------------------|---------------------------|-----------------------------|
| Battery charging times (min) ^① | | | | | | |
| AL 101 | 75 / 100 | 125/ 165 | 190/ 250 | 230/ 300 | – | – |
| AL 300 | 30 / 45 | 30/ 55 | 45/ 75 | 55/ 70 | 130/ 180 | 220/ 300 |
| AL 500 | 30 / 45 | 25/ 35 | 25/ 35 | 30/ 45 | 90/ 120 | 120/ 160 |
| Working hours per battery charge (up to ... min) ^② | | | | | | |
| STIHL MSA 160 C-BQ | 18 | 35 | 50 | 62 | 125 | 230 |
| STIHL MSA 200 C-BQ | – | 35 | 45 | – | 110 | 200 |
| NEW MSA 161 T | 18 | 42 | 50 | 62 | 125 | 230 |
| STIHL HTA 85 | 18 | 35 | 55 | 68 | 125 | 230 |
| STIHL KMA 130 R (with FS-KM, nylon mowing head) | 16 / 7 | 25/15/12 ^③ | 38/23/18 ^④ | 47/22 ^④ | 105/63/50 ^⑤ | 193/115/92 ^⑥ |
| STIHL KMA 130 R (with FS-KM, grass cutting blade) | 29/16 | 48/32/25 ^⑤ | 73/47/38 ^⑤ | 93/50 ^④ | 201/131/104 ^⑤ | 368/240/191 ^⑤ |
| STIHL FSA 65 | 30 | 50 | 75 | 93 | 200 | 380 |
| STIHL FSA 85 | 18 | 30 | 45 | 56 | 120 | 220 |
| STIHL FSA 90 (with grass cutting blade) | 18 | 30 | 45 | 56 | 120 | 220 |
| STIHL FSA 130 R (with nylon mowing head) | 19 / 10 | 25/20/15 ^⑤ | 40/30/20 ^⑤ | 50/25 ^④ | 100/85/70 ^⑤ | 190/150/125 ^⑤ |
| STIHL FSA 130 (with grass cutting blade) | 36/18 | 60/45/30 ^⑤ | 85/70/45 ^⑤ | 105/56 ^④ | 230/185/120 ^⑤ | 420/320/215 ^⑤ |
| STIHL HSA 66 | 72 | 120 | 180 | 223 | 450 | 800 |
| STIHL HSA 86 | 72 | 120 | 180 | 223 | 450 | 800 |
| STIHL HSA 94 R | 54/42 | 90/80/70 ^⑤ | 135/120/105 ^⑤ | 167/130 ^④ | 380/350/320 ^⑤ | 700/630/570 ^⑤ |
| STIHL HSA 94 T | 54/42 | 90/80/70 ^⑤ | 135/120/105 ^⑤ | 167/130 ^④ | 380/350/320 ^⑤ | 700/630/570 ^⑤ |
| STIHL HLA 65 | 72 | 120 | 180 | 223 | 450 | 800 |
| STIHL HLA 85 | 72 | 120 | 180 | 223 | 450 | 800 |
| STIHL BGA 85 | 10 | 16 | 24 | 30 | 65 | 115 |
| STIHL BGA 100 | 32/8 | 55/22/13/10 ^⑤ | 83/33/21/16 ^⑤ | 103/20 ^⑦ | 225/95/60/45 ^⑤ | 395/160/100/75 ^⑤ |
| STIHL KGA 770 | 84 | 140 | 210 | 260 | – | – |
| STIHL TSA 230 | 7 | 12 | 18 | 22 | 50 | 95 |
| STIHL ASA 65 | 252 | 420 | 630 | 780 | – | – |
| STIHL ASA 85 | 240 | 400 | 600 | 743 | – | – |
| Battery ranges (up to ... m²) ^② | | | | | | |
| STIHL RMA 410 C | – | 300 | 370 | 560 | – | – |
| STIHL RMA 443 C | – | 350 | 500 | 619 | – | – |
| STIHL RMA 510 | – | – | 500 | > 500 | – | – |
| NEW RMA 510 V | – | – | – | – | – | – |

Recommended attachments
 Reduced tool performance

① Charging times in minutes to 80%/100% capacity

② The battery working times and area specifications for each battery charge are estimates and may vary depending on how the tool is used and what is being cut

④ Level 1/level 3

⑤ Level 1/level 2/level 3

⑥ Level 1/level 2/level 3/boost

⑦ Level 1/boost

Grass grows
quickly ...
let us help you
keep it under
control.

5





A healthy lawn is a treat for the senses. As a green oasis, it transforms a patch of earth into a pleasant living environment that encourages activity, relaxation and well-being. That's why it is worth relying on our efficient lawn mowers when caring for your lawn.

Battery lawn mowers and accessories

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» Overview of battery lawn mowers

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Technology

- 1 **Direct drive:** The direct drive of the electric motor is energy efficient, providing excellent mowing performance and a large mown area per battery charge.
- 2 **Flow-optimised blade:** The flow-optimised blade is designed to lift the grass, allow it to be cut and move the grass into the collector box. The minimal resistance enables a longer battery run time. An integrated bending zone on the blade helps protect the crankshaft or motor against damage should the blade hit something.
- 3 **Eco mode:** When eco mode is activated, the speed of the lawn mower motor is automatically adapted to the actual power required. As a result, the STIHL battery lawn mower consumes very little energy and can cover a larger area before it needs to be recharged.
- 4 **Central cutting height adjustment:** The central cutting height adjustment is spring-loaded making it easy to adjust the height of the mower. They have several adjustment levels to obtain the desired cutting height. The current height is indicated by a scale.

Comfort






- 5 **Mono-comfort handlebar:** The innovative mono comfort handlebars give a number of key benefits. Folding handles mean the tool takes up less space during storage. Accessing and removing the grass collection box is an effortless task as there are no bars limiting access, and the box itself can be easily removed. Tool-free height adjustment enables the handlebar to be easily adapted to the user's height too.
- 6 **Easy opening grass collection box with fill level display:** The grass collection box is simple to open up and empty in just a few movements. The fill level status lets you easily see when the grass collection box is full.
- 7 **Retrofittable mulch kit:** A mulching kit is available as an additional accessory. The kit includes an insert to block the cuttings shoot so the cut grass does not go into the collection box. Instead, it is cut up into small pieces and placed back on the lawn. This supplies nutrients to the lawn and means it is no longer necessary to dispose of the cuttings. The mulch kit is available for 3 series models upwards.



Please note that not all products are equipped with the features listed here. Only the most important features are described on this page. Further explanations and information can be found from page 256 and on the Internet at www.stihl.com.au.



Battery lawn mowers

-  For domestic use
-  Low-noise and emissions free
-  Manoeuvrable and lightweight
-  Cable-free for freedom in your garden
-  Eco mode for long battery run

RMA 339



Lightweight, manoeuvrable battery lawn mower with 37 cm cutting width for small to medium-sized lawns. With automatic eco mode and flow-optimised blades for a longer run time. Central cutting height adjustment as well as height-adjustable and foldable handlebar. Includes fold-open 40-litre grass catcher box with level indicator. Weight 16 kg[Ⓞ].

RMA 339 without battery and charger

Order no. 6320 011 1416

RMA 339 set with AK 30 and AL 101

Order no. 6320 011 1445

RMA 443 C



Powerful and manoeuvrable cordless lawn mower for larger areas of lawn. Height adjustable and foldable mono comfort handlebars for comfortable work and to make emptying the grass catcher box much easier. Central cut-height adjustment, automatic eco mode, and flow-optimised blades ensure longer battery life. Robust polymer housing, easy opening 55 litre grass collection box with fill level display, cutting width 41cm. Weight 23 kg[Ⓞ].

RMA 443 C without battery and charger

Order no. 6338 011 1412

Battery lawn mowers

RMA 460



Robust battery lawn mower with central cut-height adjustment and 4-in-1 function: mowing, mulching, catching, and side ejection. Automatic eco mode as well as directly driven blade ensure longer battery life. Robust sheet steel housing, height-adjustable handlebar with soft handle, 60-litre textile grass catcher, cutting width: 46 cm. Weight: 26.0 kg^①. For more information on features and technical details.

RMA 460 excluding battery and charger

Order No. 6368 011 1402

RMA 460 V



Efficient self-propelled battery lawn mower with 46-cm cutting width for medium-sized lawns. With automatic eco mode, central cutting height adjustment, Vario speed self-propulsion as well as 3 height-adjustable positions on the handlebar for comfortable working. Includes 60-litre textile grass catcher, robust steel housing. folds up for easy storage. Weight 31 kg^①.

RMA 460 V without battery and charger

Order No. 6368 011 1412

Order number

Cutting width (cm)

Cutting height (mm)

Mulching function

Grass catcher box (l)

Drive (km/h)

Battery type

Working speed (rpm)

Weight^① (kg)

Battery lawn mowers

| | Order number | Cutting width (cm) | Cutting height (mm) | Mulching function | Grass catcher box (l) | Drive (km/h) | Battery type | Working speed (rpm) | Weight ^① (kg) |
|--|----------------------|--------------------|---------------------------------|-------------------|-----------------------|--------------|----------------|---------------------|--------------------------|
| RMA 339 | 6320 011 1416 | 37 | 30–70 (5 settings, central) | ○ | 40 | – | Li-ion COMPACT | 3,350 | 16 |
| RMA 339 set with AK 30 and AL 101 | 6320 011 1445 | 37 | 30–70 (5 settings, central) | ○ | 40 | – | Li-ion COMPACT | 3,350 | 17,3 |
| RMA 443 C | 6338 011 1411 | 41 | 25–75 (6 settings, central) | ○ | 55 | – | Li-ion PRO | 3,150 | 21 |
| RMA 460 | 6368 011 1402 | 46 | 35–98 (7-settings, central) | ● | 60 | – | Li-ion COMPACT | 3,200 | 29 |
| RMA 460 V NEW | 6368 011 1412 | 46 | 25–100 (8-settings, central) | ● | 60 | V/1-4.5 | Li-ion COMPACT | 3,200 | 31 |
| RMA 510 | 6372 011 1402 | 51 | 35–90 (7-settings, central) | ● | 75 | – | Li-ion PRO | 3,200 | 31 |
| RMA 510 V NEW | 6372 011 1412 | 51 | 25–100 (8-settings, central) | ● | 75 | V/1-4.5 | Li-ion PRO | 3,200 | 33 |

● Standard
○ can be retrofitted (accessories)

C = Comfort equipment
V = Vario drive

① Weight without battery
② Uncertainty factor K_{pA}/K as per RL 2006/42/ECRS

RMA 510



Robust battery lawn mower with large cutting width and 4-in-1 function: mowing, mulching, catching, and side ejection. Central cut-height adjustment. Automatic eco mode as well as directly driven blade ensures longer battery life. Robust sheet steel housing, height-adjustable handlebar with soft handle, 75-litre textile grass catcher, cutting width: 51 cm. Weight: 28 kg^①.

RMA 510 excluding battery and charger

Order No. 6372 011 1402

RMA 510 V



Efficient self-propelled battery lawn mower with 51-cm cutting width for medium to large-sized lawns. Central cutting height adjustment, Vario self-propulsion as well as 3 height position handlebar for comfortable working. Includes 75-litre textile grass catcher and robust steel housing. Folds up for easy storage. Weight 33 kg^①.

RMA 510 V without battery and charger

Order No. 6372 011 1412

| Guaranteed sound power level L_{WA} (dB(A)) | Measured sound pressure level L_{pA} (dB(A)) | Sound pressure level uncertainty factor K_{pA} (dB(A)) | Vibration value a_{hw} (m/s ²) | Uncertainty factor K_{a} (m/s ²) | Eco mode | Mono-comfort handlebar | Folding grass catcher box | Central cutting height adjustment | Flow-optimised blade | Super soft grip |
|--|---|---|--|--|----------|------------------------|---------------------------|-----------------------------------|----------------------|-----------------|
| 90 | 76 | 2 | 1.60 | 0.80 | ● | – | ● | ● | ● | – |
| 90 | 76 | 2 | 1.60 | 0.80 | ● | – | ● | ● | ● | – |
| 92 | 78 | 2 | 1.40 | 0.70 | ● | ● | ● | ● | ● | – |
| 96 | 85 | 3 | 1.40 | 0.70 | ● | – | ● | ● | ● | ● |
| 96 | 85 | 3 | 1.40 | 0.70 | ● | – | – | ● | ● | ● |
| 92 | 81 | 3 | 1.60 | 0.80 | ● | – | – | ● | – | ● |
| 92 | 81 | 3 | 1.60 | 0.80 | ● | – | – | ● | – | ● |

Mulching kit



Mulching kit with multi-blade and mulch insert.

AMK 039

For models with 37-cm cutting width

Order No. 6909 007 1081

AMK 043

For models with 41-cm cutting width

Order No. 6909 007 1032

An overview of battery charging times, run times per battery charge and battery working ranges can be found on page 31.