



STIHL

GET IT DONE —

YOUR NEEDS –
OUR BATTERY SOLUTIONS

APIII
SYSTEM



STRONG ROOTS GOING BACK ALMOST 100 YEARS

We are the experts on working in nature: at STIHL we can look back on almost 100 years of success. By launching the first petrol chainsaw in 1929, we revolutionised forestry work, and then significantly increased safety with the QuickStop chain brake and anti-vibration system. Since 1971 STIHL has been the best-selling chainsaw brand in the world. Our products are made to be passed down – they are sustainable, durable and renewable.

This is our foundation for facing the challenges ahead: global climate change, regulatory reform and changed customer requirements. With more than 900 experts at work in our in-house research and development, we drive innovation forward. This means creating pioneering products such as the MSA 300, currently the most powerful battery-powered saw we offer. STIHL CEO Michael Traub has a clear goal: “In 10 to 15 years, we want to be the global market leader, including with our battery products.”

As a third-generation family business, we take a long-term approach. Being a technical leader is fundamental to us. Because that is a prerequisite for creating substance and value – or in other words, quality – that can be passed on into the hands of the next generation.

Together we are shaping the future.

A vertical photograph showing a person climbing a large tree trunk. The climber is wearing a harness and using orange ropes and hardware. A STIHL chainsaw is visible on the left side of the frame. The background is a dense forest with green foliage.

QUALITY. OUR FOUNDATION.

Our customers can expect not only outstanding products, but also the highest reliability from us. We ensure quality at every stage:

IN DEVELOPMENT

STIHL manufactures most of its battery packs in-house. Here the focus is on three core considerations: performance, durability and service life.

IN PRODUCTION

STIHL implements measures such as “technical cleanliness” to prevent contamination and ensure that products function properly.

DURING USE AND SERVICING

STIHL guarantees comprehensive support with more than 600 dealers around Australia, its own customer hotline and regular assessment of customer satisfaction.



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WHY CHOOSE STIHL BATTERY?

MAXIMUM POWER, MINIMAL MAINTENANCE –
OUR BATTERY TECHNOLOGY FOR
PROFESSIONALS.

Powerful. Built to last. Quiet. The AP-System from STIHL combines all these advantages. Our specially developed lithium-ion batteries are ready for any challenge in your everyday professional life – from hedge trimming to park maintenance. Consistent power is one of the biggest advantages, supported by the innovative Power Boost function. In addition, our IPX4-certified batteries offer protection from splashwater, so that they can even be used in the rain. What about endurance? Not a problem; our extensive range includes the right product for every requirement. What's more, the unique tool infrastructure we offer makes it possible to recharge batteries both in the workshop and select AL chargers are able to be mounted in vehicles for mobile charging.

Discover the full range of our battery technology – from the lightweight AP 200 (187 Wh) for speedy jobs, to the innovative AP 500 S (337 Wh) and the power-packed AR 3000 L (1,520 Wh) for extra-long runtimes.

Battery technology by STIHL has arrived.





READY FOR ANY WORK DAY.

PRO POWER THAT IMPRESSES DAY AFTER DAY.

Professionals depend on their tools. What makes a power tool is not only its technology but, more importantly, what it represents: professionals want to work with the best. Every single day. The STIHL AP-System is your unbeatable companion. Whether in landscaping, gardening or tree care, our lithium-ion batteries offer immense power and impressive endurance.

Flexibility is a key feature: batteries are interchangeably compatible within the STIHL fleet, so it is no problem to switch them between various STIHL power tools. The whole system works together and is integrated. This efficient mode of use reduces the carbon footprint without sacrificing performance. Another advantage is that power tools with lithium-ion batteries are very quiet in operation. This makes work more comfortable and also facilitates use in noise-sensitive environments. The diverse battery-powered range includes extensive accessories as well as the industry's most advanced charging and energy management, and in all respects meets the excellent and long-lasting quality expected from STIHL – for almost 100 years. After all, **professionals depend on STIHL.**

WHERE EXCELLENCE IS OUR HERITAGE

FROM DEVELOPMENT TO APPLICATION

BATTERY EXPERTISE AT STIHL

EXPERIENCE

With almost 100 years of experience, STIHL has unparalleled expertise. We have been building on this in our Waiblingen centre of excellence since 2009, with production of our own battery products.

INNOVATIVE

The batteries for our systems are continually under further development. This enables us to perfectly tune their power and energy capacity.

ANALYTICS

STIHL batteries undergo intensive testing, for example for extreme weather conditions, as well as performance, safety and drop tests.

BUILT TO LAST

STIHL power tools are developed to last for generations, conserve resources and promote sustainability. We only ever use robust materials and high-quality manufacturing processes, so our tools need to be replaced less frequently.

VISIONARY

STIHL is further expanding battery production at its headquarters in Waiblingen, initiating a new production facility and further developing intelligent charging technology. Your work is what drives us.



BENEFITS OF STIHL BATTERY TECHNOLOGY

BATTERY FEATURES



CONSISTENT PERFORMANCE

One of the key benefits of our batteries is their consistently strong performance throughout the entire battery life. Generally, you can expect performance to decrease as the charge reduces. Not at STIHL. Our battery performance remains constant.



POWER BOOST[®]

The second unique feature is a new electronics system which communicates between the battery and the various tools, enabling higher performance.



SPLASHWATER PROTECTION

The battery-powered tools in the STIHL AP-System have been designed for daily professional use, including in adverse weather conditions. Equipped with IPX4 certification, they are protected against splashwater and can withstand rain (AP 200, 200 S, 300 S, 500 S, AR 2000 L, 3000 L).

TWO PRODUCTS, FULL POWER

STIHL batteries for professionals go on and on, while the powerful lithium-ion cells deliver maximum performance. The batteries are lightweight and intuitive: the green lights on the LED panel allow you to quickly read the charge level.



BACKPACK LEAF BLOWER

The BGA 300 is STIHL's most powerful battery-powered blower for professional use in noise-sensitive areas. Thanks to its high air speed and consistent performance, it efficiently removes wet, heavy leaves. For more information, see from page 44.



MAXIMUM POWER IN THE FOREST

The STIHL MSA 300 C-O runs for up to 45 minutes with the AP 500 S battery - depending on which operating mode you use the saw in. You can find more information about the currently most powerful STIHL battery-powered chainsaw from page 34.

PRODUCT COMPARISON

While battery-powered tools from other brands lose power as charge reduces, STIHL battery-powered tools continue to deliver consistent power.



AP 500 S. THE BEST IN ITS CLASS

**THE PROFESSIONAL
BATTERY WITH
DOUBLE THE SERVICE
LIFE AND EVEN MORE
BATTERY LIFE.①**



**CONNECTED
BATTERY
INDICATOR**

STATUS CHECK

**CHARGE-LEVEL INDICATOR
(GREEN)/ERROR DISPLAY (RED)
VIA 4 LEDS**



EFFORTLESS, PERFECT NETWORKING.

You can connect the new AP 500 S to your smartphone, tablet or via STIHL connected. Doing so means you can easily keep an eye on all kinds of information in the STIHL Cloud, such as charge level, operational time, battery life, use locations and serial number.

More information on STIHL connected from page 20.

Stronger than any other and built to last longer than ever: The STIHL AP 500 S sets new standards for batteries and lifts the operational time of all AP-System power tools to the next level. Our innovative power laminate technology is what makes this possible. The unique, particularly robust cells we use deliver significantly more power output and capacity, while boasting twice as long a service life as all previous STIHL batteries. This means that in future you will be able to rely on even more battery power when working. The STIHL AP 500 S is reliable and good for up to 2,500 charging cycles.

STIHL POWER LAMINATE TECHNOLOGY

- Stacked, flat cells for parallelization of electron transport
- Solid copper busbar for current transmission
- High-current contacts made from a copper-chromium-zirconium alloy
- Sealed CorePack protects electronics and battery cells
- Metal inner housing to increase mechanical stability



BENEFITS AT A GLANCE

- ✓ Twice the service life / number of charging cycles compared to the AP 300 S
- ✓ Tool output up to max. 3.0 kW with the AP 500 S (in the MSA 300)
- ✓ Up to 20% longer usage time with the AP 500 S compared to the AP 300 S
- ✓ Improved temperature behaviour and less heating at maximum load
- ✓ Best power-to-weight ratio Weighs just 2.0 kg with a power capacity of 337 Wh and output level of 3.0 kW
- ✓ Encapsulated for high durability
- ✓ Can be used in rain, IPX4 certified
- ✓ Error code indication via red LED lights
- ✓ STIHL connected functions
- ✓ Charge-level indication via 4 green LED lights

COMPARISON OF MODELS AND OUTPUT

		AP 300 S	AP 500 S
ENERGY CONTENT ^②	[WH]	281	337
CAPACITY	[AH]	7.2	9.4
CHARGING CYCLES		up to 1,200	up to 2,500
VOLTAGE	[V]	36	36
WEIGHT	[KG]	1.8	2.0
MAX. OUTPUT CAPACITY	[KW]	2.1	3.0
ENERGY DENSITY	[WH/KG]	156	168.5

① Compared to the AP 300 S.

② Energy capacity according to the specifications of the cell manufacturer.

The actual power capacity available during operation is lower in order to increase service life.

EXPERIENCE NEW PEAKS OF PERFORMANCE

CHANGING TO BATTERY IS A BREEZE WITH STIHL - WHY IT'S WORTHWHILE

Battery power is the future – for both political and economic reasons. And there are worldwide efforts in motion to accelerate the changeover.

The European Commission is working on the “Green Deal”. The overall goal of planned measures is to reduce carbon emissions – by 55% by 2030 and to zero by 2050. Moreover, the RED II Renewable Energy Directive states that the share of renewables in the energy mix should also be increased to at least 42.5% by the end of the decade. In addition, there are plans to gradually increase the cost

of conventional fuels. With the focus clearly on achieving a more sustainable future, the transition to battery technology is becoming more relevant all the time. With these matters in mind, the STIHL AP-System not only offers efficient professional power, but can also be effortlessly adapted to individual operational requirements. Powerful, built-to-last batteries and innovative charging solutions ensure that power is reliably available even during long periods of work.

WHAT PROFESSIONALS WANT

- ✓ **Long battery life:** STIHL offers professionals long-lasting battery power – in tools from hedge trimmers to blowers, mowers and more.
- ✓ **Long service life:** With its new power laminate technology in the AP 500 S, STIHL has doubled the number of charging cycles possible.
- ✓ **High-quality batteries:** STIHL develops and manufactures batteries, among other things, directly in-house at its headquarters in Waiblingen, Germany.
- ✓ **Durability:** STIHL uses robust materials and subjects them to extensive testing, to ensure they can survive the harshest conditions.
- ✓ **Best performance:** STIHL can deliver the appropriate power for every task by using the recommended combination of power tool and battery.





“BATTERIES ARE THE FUTURE AND WE WON’T BE GOING BACK.”

Julien Ferraris, Managing Director at Lileo Jardins



BATTERY REVOLUTION IN HORTICULTURE

A CONVINCING CASE FOR CHANGE

French company Lileo Jardins relies on green power from batteries, taking landscape maintenance to a new level.

Around Chambéry in the French Alps, a green transformation has taken place, driven by Julien Ferraris, Managing Director of Lileo Jardins. Since 2019, the eight-employee gardening and landscaping company has been gradually switching from petrol-driven to battery-powered tools. Today, 85 percent of its tool fleet is powered by batteries. Initial scepticism about performance and durability was quickly overcome. Ferraris is enthusiastic: “These tools are more comfortable to use. They do not vibrate, and they make less noise, emit no exhaust gases and get hot.”

To support the switchover, a designated space was created for overnight charging of the batteries. Each team takes three batteries and a quick charger with them in the morning. The STIHL AP-System is integrated in such a way that work can be carried out without interruption. And Ferraris is convinced that the investment will bring long-term savings. This puts Lileo Jardins in a pioneering role among horticulture companies, and proves that advanced battery technology and high professional standards go hand-in-hand.

85%

**OF THE TOOL FLEET IS
POWERED BY BATTERY
POWER**



STIHL

READY FOR ANY CHALLENGE

MORE AT [STIHL.COM.AU/AP-SYSTEM](https://www.stihl.com.au/ap-system)

"Our work is full of challenges. Great fit for our team as STIHL is known for its high-quality, professional battery tools. They're powerful but quiet, and one battery can be used in different tools."

- Viktoria Carstens, Forest / Nature Technician and Arborist



APIII
SYSTEM

ALL SERVICES AT A GLANCE

FOR PROFESSIONALS WHO EXPECT RESULTS: STIHL OFFERS YOU MORE THAN JUST POWER TOOLS

We know what matters to you as a professional: delivering good work fast, cleanly, efficiently and within budget. STIHL offers comprehensive solutions for your battery system.

With top-of-the-line devices, smart solutions, apps and all-round service at all levels. We think sustainably, and believe in building reliable products as well as a long-term partnership with you. See for yourself what we have to offer.

TRAINING

Build knowledge - our training can teach you about STIHL's technology, safety and everything that matters in your industry.

SUPPORT

Getting support - do you have questions about our product solutions? We can help you with all your STIHL issues. Get in touch.



FLEET MANAGEMENT

Manage power tools digitally - with STIHL connected, you can network your fleet and always keep your power tool performance in view.

CHARGING AND ENERGY MANAGEMENT

Recharge your batteries - with our charging and energy management you can always have batteries ready for every use.

COMPREHENSIVE CARE

Specialist dealers, personal protective equipment and STIHL kits - if you are after comprehensive advice and equipment in these respects, we will be happy to give you guidance.

ALL-ROUND SUPPORT FOR PROFESSIONALS

**WHEN YOU CHOOSE A STIHL POWER TOOL, YOU ARE
ALSO CHOOSING FIRST-CLASS SERVICING -
ESPECIALLY FROM YOUR SPECIALIST LOCAL DEALER**

BENEFITS FOR YOU

- ✓ Get to know all the newest STIHL products directly on-site
- ✓ Use of the STIHL connected system for efficient fleet management
- ✓ Expert provision of transport, storage and loading solutions
- ✓ Experience tools in practice and demonstration equipment



Scan the QR code and
find a STIHL dealer near
you!



PROTECTED FROM HEAD TO TOE

YOUR WORKING SAFETY IS OUR PRIORITY. THAT IS WHY WE OFFER OPTIMAL EQUIPMENT TO ENSURE IT

Did you know that STIHL doesn't only offer high-quality power tools, but also associated workwear? Our equipment is designed to provide safety when you are working in forests, on construction sites, and in gardening and landscaping tasks. We produce it with durable, robust materials and protective characteristics.

STIHL trousers, jackets and gloves are equipped with tested cut protection. This involves high-tech fibres which significantly reduce the risk of injury when working with a chainsaw. You can also discover the hearing protection and dust extraction products we offer for protecting yourself and the environment during work.



Scan the QR code and learn more about this topic!



ADVANCE PROCOM

- ✓ Innovative conference system suitable even for noisy environments
- ✓ Connects to a smartphone for making calls and listening to music
- ✓ SNR 32 hearing protection



FUNCTION UNIVERSAL TROUSERS

- ✓ Breathable material, very comfortable to wear
- ✓ Equipped cut protection class 1, design A (AS/NZS 4453.3:1997)
- ✓ Kidney protection, thorn protection on both the front and rear part of the leg area.

VISION SAFETY GLASSES

- ✓ Lightweight, comfortable safety glasses with anti-scratch lenses
- ✓ Medium impact rating, certified to AUS/NZS 1337.1



STIHL ALSO HAS ITS OWN BRAND SHOP. PRODUCTS AND INFORMATION

AVAILABLE **FROM PAGE 74**

CARE & CLEAN KITS

Whether you are mowing lawns or trimming hedges, plant sap, resin and dirt can leave visible traces on your STIHL power tools. To support long service life and maximum performance of your tools, regular maintenance is essential - and these STIHL kits make it easy to get done.



PAGE **58**

MORE INFO ABOUT CLEANING & CARE PRODUCTS



COMPREHENSIVE TRAINING. SUSTAINABLE SUCCESS.

STIHL SUPPORTS YOU AND YOUR TEAM WITH LEARNING AND REFRESHING YOUR KNOWLEDGE

Expertise is the most important resource in your business. By undertaking continuous further training you are not only certain to have up-to-date specialist knowledge at your disposal; you also promote the flexibility and innovative strength of your team. Our targeted training courses provide you with the ideal tools for unlocking this potential.

Keep developing yourself and your employees to stay successful in what you do every day. We can support you with our industry experience and comprehensive technical training. Our main focus here is on face-to-face courses because we firmly believe that personal interaction is still the best way to learn. However, we are also continuing to expand our e-learning offering with practical learning videos that support you in the preparation for and follow-up on your training courses. Contact your STIHL Dealer.



YOUR LOCAL CONTACT

Please contact your STIHL contact person if you are interested in training courses and for further information.



GET IT DONE. WITHIN EVERY WEATHER CONDITION.

With the STIHL AP-System, you experience an unprecedented level of performance and flexibility. With IPX4 water protection and our certified battery packs you are perfectly equipped for even the toughest conditions.

Legendary performance and quality since 1926.



POWER BOOST



IPX4



**CONSTANT
POWER**



MORE INFORMATION AT [STIHL.COM/AP-SYSTEM](https://www.stihl.com/ap-system)

NETWORKED POWER

STIHL
connected saves **you**
up to 30% on operating
costs and **up to 50%**
on maintenance time.

MANAGE YOUR FLEET DIGITALLY WITH STIHL CONNECTED AND SAVE TIME AND MONEY EVERY DAY.

With STIHL connected, you always know which power tools in your fleet are currently in use and where. Data such as operational time, engine output and battery status are automatically transferred to the cloud. This allows you to digitally access the information and plan when maintenance work is due or if a new purchase is required. Intuitive and cost-saving, it means you can make optimal use of your power tools.

In use: Everything in place?

Quickly and easily check if all the tools are on-site while you are working.

In the workshop: Everything in order?

Check the condition of your equipment. You are automatically reminded about important deadlines, for safety checks for example. You can give information to the team via digital notes.

In the office: Everything on screen?

Data on operating times, age and maintenance intervals is always clearly in view. So you can use data to optimise your tool fleet.

- ✓ Real-time location of your equipment when in use
- ✓ Fleet inventory at the touch of a button
- ✓ Automatically receive tool data
- ✓ Access information any time - paper-free and efficient



MANAGE YOUR DIGITAL FLEET

Our system components let you quickly and easily network your tools. The smart combination of intelligent hardware and intuitive software facilitates seamless interaction.



NETWORKED BATTERIES AND TOOLS

The AR L batteries and the AP 300 S and AP 500 S models can be integrated into STIHL connected via Bluetooth. You can additionally use the Smart Connector for networking your power tools – or the Smart Connector 2A for your STIHL professional battery-powered tools. Both transmit data via Bluetooth to the STIHL connected App.

STIHL CONNECTED APP

The STIHL connected App lets you keep track of everything on-the-go. It transmits data about your connected power tools and batteries to the STIHL cloud.

STIHL CLOUD

The STIHL cloud is the central storage location. Data is automatically transferred from tools and batteries via the App – securely and in compliance with data protection regulations.

STIHL CONNECTED PORTAL

The Portal is a digital platform for organising power tools and batteries. It includes three views based on fleet size, each of which provides precise data on use, location, availability and operational time. For more information on available data, see page 23.

FREE FOR YOU IN YOUR APP STORE

You can download the STIHL connected App from the Google Play Store or the Apple App Store. Download it, create an account, connect your tools and off you go.



Scan the QR code and learn more about this topic!

THE NEXT-GENERATION ASSISTANT

STIHL SMART CONNECTOR 2A: MORE CLARITY, BETTER DATA, GREATER INDEPENDENCE FOR SELECTED PROFESSIONAL BATTERY-POWERED TOOLS

The central component of STIHL connected is the Smart Connector. The Smart Connector 1 can be mounted on any power tools, including those from other manufacturers. The Smart Connector 2 A takes you another step towards optimising your daily work. Available for use with selected STIHL professional battery-powered tools, it offers improved data quality and makes you less dependent on your smartphone. It also facilitates many new practical options in the STIHL connected App and Portal. For you it means increased plannability and efficiency, as well as a clearer overview of the operational capability and status of your power tool fleet. Find out more about the STIHL Smart Connector on page 56.



BENEFITS AT A GLANCE

- ✓ Easy installation and commissioning as well as straightforward pairing with no need to scan
- ✓ Tool status viewable directly on the tool via button and LED display
- ✓ Precise battery life and speed recording
- ✓ Better data quality and additional tool data
- ✓ Use button to manually tag tools and document errors
- ✓ Display error message from control unit





ALL GO FOR GREEN

SYSTEMATISING THE TOOL STORE

How STIHL connected contributes to the success of the Grün Team professionals in Eberhardzell.

Grün Team GmbH offers a pioneering example of STIHL connected being used in landscaping and forestry. With around 60 employees, the company operates throughout southern and central Germany. The majority of its machine fleet – which includes over 100 STIHL power tools – is managed via the digital program. “From planning and implementation to subsequent product costing analysis, we know which tools are in use, where, and how long they have run for,” says owner and Managing Director Michael Bleichner. This clear oversight means that maintenance work can be more accurately planned, which in turn contributes to a longer service life for the tools.

Michael Bleichner also emphasises the economic benefits of STIHL connected. Because tool statuses can be viewed any time and anywhere via the app, the available equipment is used in a more targeted manner, from small machines to chainsaws – and that means more added value. “This allows us to evaluate where we are incurring costs and making profit,” he says. His conviction makes it clear: “Digitalization is the future in gardening and landscaping. You can’t go on without it anymore.”

**“WITHOUT DIGITAL
PROCESSES, WE
WOULD NO LONGER BE
ABLE TO MANAGE OUR
WORK.”**

Michael Bleichner,
Managing Director and owner of Grün Team



Scan the QR
code and learn
more about this
topic!

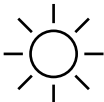


HOW TO KEEP EVERYTHING GOING

WITH OUR CHARGING SOLUTIONS YOU CAN ALWAYS GUARANTEE FULL BATTERIES. WHENEVER YOU WANT. WHEREVER YOU ARE.

Do you need a smart battery charging system that is as flexible as you have to be in your work? STIHL has what you need: enough energy for every application. Whether a large charging cabinet or small multi-charger is most appropriate for your needs – discover our innovative solutions for easy charging of your batteries.

With our intelligent charging options not only can you optimise the energy supply for your devices, you will also make your daily work more efficient. The right solution is based on two fundamental questions: when and where does charging need to happen? We recommend suitable products tailored to your answers:

	 AT THE COMPANY PREMISES	 IN VEHICLES
 DURING THE DAY	fast, fixed-location 	fast, mobile 
	AL 301, AL 500,	AL 301-4,
 OVERNIGHT	gentle, fixed-location 	gentle, mobile 
	AL 101, AL 301-4,	AL 301-4,

MULTI-CHARGER

Only need a few batteries at a time? The AL 301-4 system can charge up to four STIHL AP batteries one after another.

AL 301-4

With the first multiple battery charger, you can charge up to four STIHL AP batteries one after another.

- ✓ Can be attached to the wall of your workshop or permanently integrated into your work vehicle
- ✓ Displays the individual charging status at the touch of a button
- ✓ With adapter AP and connecting cable for use also with one backpack AR battery
- ✓ Can be stacked or mounted side-by-side
- ✓ Also suitable for use in vehicles

Order number **EA04 430 5505**

➔ You can find further information about the AL 301-4 multi-charger on **page 55**.



For more information on charging and energy management solutions please contact your local STIHL dealer or contact us directly using our contact form.

Scan the QR code to use our contact form



AP-SYSTEM

ASSURED SUCCESS IN PROFESSIONAL OPERATION

- For professional users
- For tree and garden maintenance as well as landscaping
- With powerful AP lithium-ion batteries or AR backpack batteries
- Easy organisation and networking of your power tools with smart solutions.



STIHL AT FULL POWER

With high-performance lithium-ion batteries and extra-short charging times, the STIHL AP-System is specifically designed to meet the needs of professional users. Equipped with particularly high power, energy efficiency and flexibility, you can meet any challenge with these tools. What's more, the extensive power tool range, diverse battery options, and numerous accessories make the AP-System the perfect assistant in every application.



OPERATION VIA SOCKET

The battery is carried on the back, external to the power tool, and connected to the socket via a plug connection. This gives you the energy you need for long periods of use while keeping you mobile.



OPERATION WITH AN AP BATTERY IN THE POWER TOOL

The AP battery is inserted directly into the power tool's battery slot for ideal balance and easy handling. You can quickly and easily insert AP batteries into any AP-System tool.



OPERATION WITH AN AR BATTERY IN THE POWER TOOL

The AR battery is inserted inside the device and reliably provides sufficient energy for longer use.



OPERATION WITH AN ADAPTER AP

For power transfer from a STIHL AP battery in combination with the AP holster and connecting cable, or with a STIHL AR battery and a power tool with a battery slot, and for charging in combination with AL 301, AL 500, or AL 301-4.

WHAT BATTERY FOR EACH TOOL?

For individual tools we have recommended a battery, indicated with these symbols **AP 200** on the following pages. Our recommendations always consider the optimal combination of power tool performance, battery life and weight distribution.

WHAT TO DO WITH OLD BATTERIES?

You can return used and old batteries to your local B-cycle participating STIHL Dealer or to any other B-cycle Drop Off Point free of charge. They will then take care of appropriate disposal.

POWER TOOLS WITH A SOCKET



BLOWERS
BGA 100
BGA 200



HEDGE TRIMMERS
HSA 130 R 
HSA 130 T



POWER TOOLS WITH INTEGRATED AR BATTERY



BLOWERS
 BGA 300



LAWN MOWERS
RMA 765 V



LITHIUM-ION BATTERIES
AR 2000 L
AR 3000 L



PROFESSIONAL TIP

POWER TOOLS WITH AN ADAPTER

All power tools that are highlighted with a  can also be used with the adapter AP.

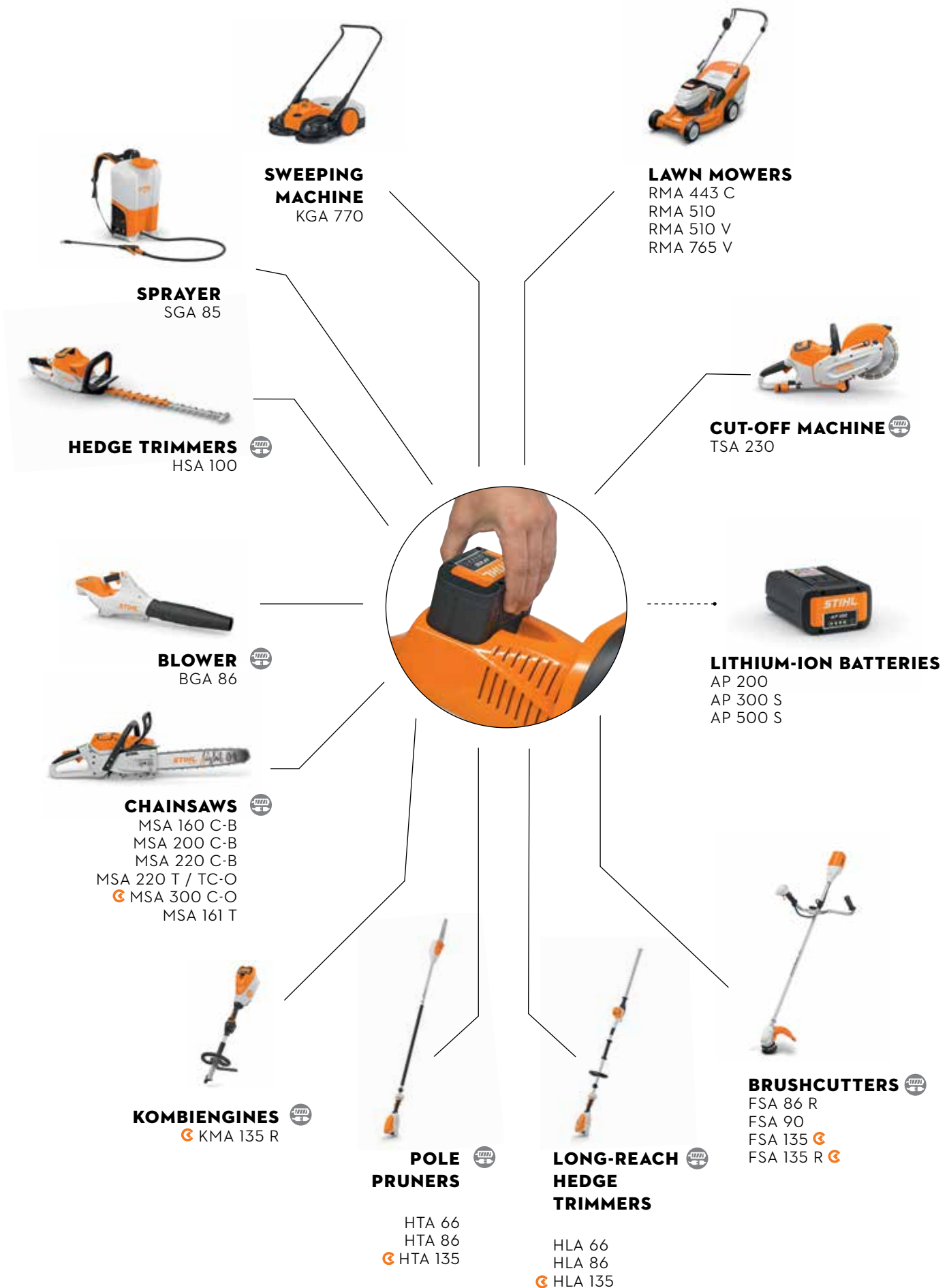


POWER TOOLS READY FOR STIHL CONNECTED

Each power tool highlighted with the  has a designated mounting point in the housing for the STIHL Smart Connector 2 A or STIHL connected-capable batteries. In addition to those power tools which are delivered ready for the Smart Connector 2 A, many of our other professional devices can also be retrofitted with the Smart Connector (see from page 22).



POWER TOOLS WITH A BATTERY SLOT



NEW PRODUCTS FOR 2024

**DISCOVER THE INNOVATIVE PRODUCTS STIHL IS
LAUNCHING ONTO THE MARKET THIS YEAR.
TO ENSURE THAT PROFESSIONALS CAN ALSO BE
READY FOR ANY NEW CHALLENGE.**

HSA 100

36 V • 3.7 kg^①



Powerful universal hedge trimmer for use in noise-sensitive areas. Long-lasting sharpness, double-sided cutting blade with 34 mm tooth spacing for excellent cutting performance and rapid work progress. Ergonomic, effortless working, even over longer periods, thanks to optimal power tool balance, rotatable multi-function handle, loop handle and STIHL anti-vibration system. Anti-block system for easy change of the cutting blades' rotational direction in the event of blockages. EC engine for constant output and long service life.

MSA 220 T-CO

36 V • 2.1 kW^① • 2.7^② / 3.3 kg^③



The STIHL MSA 220 TC-O is the most powerful top-handle chainsaw in the STIHL battery lineup, boasting power and performance similar to professional petrol top-handle chainsaws. By utilizing the STIHL $\frac{3}{8}$ " PS3 Pro chain and E Light guide bar as its petrol counterparts, the MSA 220 TC-O helps pros seamlessly make the switch from petrol to battery power. With a high chain speed and durable parts such as a magnesium motor housing and a brushless motor, arborists can count on this chainsaw to hold up to a heavy workload. An LED display screen provides quick status updates and helps to keep pros moving. The MSA 220 TC-O provides the power and dependability pros trust from STIHL chainsaws.





**“IMPRESSIVE POWER
THAT CAN DO MORE. THE
NEW COMBINATION OF
THE MSA 300 C-O AND
AP 500 S RAISES THE BAR
EVEN HIGHER WHEN IT
COMES TO SAWING WITH
A BATTERY.”**

ROBERT EBNER

2021 STIHL TIMBERSPORTS® GERMAN CHAMPION



THE MOST POWERFUL STIHL BATTERY CHAINSAW

THE MSA 300 C-O BATTERY CHAINSAW

Our MSA 220 has already demonstrated what battery-powered chainsaws can achieve in the professional sector. But the new STIHL MSA 300 can do even more. It delivers a new level of performance in garden and landscape maintenance, forestry work and trades tasks. With the most powerful battery-driven chainsaw from STIHL, you can optimally carry out all your work with chain speeds of up to 30 m/s and three operating modes – all at a comfortably low noise level. A sleek, weatherproof design and anti-vibration system are further advantages that will make your work even easier in the future.



ALWAYS THE IDEAL OPERATING PROGRAM

To efficiently use the MSA 300, you can choose from three operating modes depending on the application at hand:



Eco mode:

maximum battery life for young stand management, chain speed 20 m/s.



All-round mode:

precise control for felling and cutting to length at maximum performance, chain speed 24 m/s.



Delimbing mode:

delimb with quick acceleration and max. chain speed of 30 m/s.



AP 300 S

MSA 160 C-B**36 V • 1.5 kW • 3.1^① / 3.5 kg^②**

Robust battery-powered chainsaw for a wide range of woodworking tasks in noise-sensitive areas. Simple and comfortable to operate. 1/4" PM3 saw chain for excellent cutting performance and precise cutting, ergonomic control handle with potentiometer function for infinitely variable speed control, STIHL quick chain tensioning, transparent oil tank with tool-free cap.

MSA 160 C-B excluding battery and charger^③

Bar length **30 cm**
Order number **MA03 200 0004**



AP 300 S

MSA 200 C-B**36 V • 1.8 kW • 3.1^① / 3.5 kg^②**

Powerful battery-driven chainsaw with 20% more cutting power compared to the MSA 160 C-B. Ideal for varied woodworking tasks in noise-sensitive areas. 1/4" PM3 saw chain for fast work progress and a clean cut, ergonomic control lever with potentiometer function for infinitely variable speed control, STIHL Quick Chain Tensioning and transparent oil tank with tool-free cap. Sturdy metal bumper spikes for precise guidance of the chainsaw on the wood.

MSA 200 C-B excluding battery and charger^③

Bar length **35 cm**
Order number **MA03 200 0010**



AP 200

MSA 161 T**36 V • 1.25 kW • 2.1^① / 2.5 kg^②**

Lightweight, professional battery-powered arborist saw^④ for use in noise-sensitive areas. With 1/4" PM3 saw chain for a precise cut and high cutting performance, captive nut on the sprocket cover.

MSA 161 T excluding battery and charger^③

Bar length **30 cm**
Order number **1252 200 0044**



AP 300 S

NEW**MSA 220 TC-O****36 V • 2.1 kW • 2.7^① / 3.3 kg^②**

High-performance professional battery-powered arborist saw^④ for debarking, crown correction and removing dead wood. With STIHL 3/8" PS3 Pro saw chain for optimised energy efficiency and up to 20% higher cutting performance compared to the STIHL 3/8" PS saw chain. Particularly convenient operation due to electronic operating system with an unlock button for simple saw activation. Operator cockpit with 180° LED display for information on the operating status of the chainsaw as well as status of chain brake. Fitted as standard with an oil sensor and LED display for active notification when the oil level is low. Easy-clean air filter for long service life and optimum engine cooling, side-mounted chain tensioning, tool-free oil tank cap and captive nut on the sprocket cover.

MSA 220 TC-O excluding battery and charger^③

Bar length **30 cm^⑤**
Order number **MA01 200 0046**

Bar length **35 cm^⑤**
Order number **MA01 200 0047**

Additional versions:

MSA 220 T without battery and charger^③ **30 cm^⑤** **MA01 200 0044**
35 cm^⑤ **MA01 200 0045**

B = STIHL quick chain tensioning
C = Comfort version
O = Oil sensor
T = Top handle

① Weight excluding battery, guide bar and saw chain
② Weight excluding battery, including guide bar and saw chain
③ Including guide bar and saw chain
④ Specially designed for working among tree branches; should only be used by trained arborists.

⑤ With lightweight bar
⑥ For explanation of symbols, see page 75



AP 300 S

MSA 220 C-B36 V • 2.1 kW • 3.1^① / 3.6 kg^②

Robust and powerful battery-driven chainsaw for a range of applications such as felling, pruning, cutting to length, building with wood and young stand management. Equipped with STIHL 3/8" PS3 Pro saw chain for optimised energy efficiency and up to 20% higher cutting performance compared to the STIHL 3/8" PS saw chain. Easy and convenient handling, ergonomic control lever with potentiometer function for infinitely variable speed control, STIHL quick chain tensioning and transparent oil tank with tool-free cap. Sturdy metal bumper spikes for reliable and precise guidance of the chainsaw on wood.

MSA 220 C-B excluding battery and charger^③

Bar length **35 cm**
Order number **MA03 200 0020**

Bar length 40 cm
Order number MA03 200 0021



AP 500 S

MSA 300 C-O36 V • 3.0 kW • 4.5^① / 5.4 kg^②

The first battery-powered chainsaw from STIHL for professional use. High performance with three selectable operating modes for optimal work in a range of applications. Equipped with STIHL .325" RS Pro saw chain and Light O4 guide bar for especially strong cutting performance. Easy, convenient handling thanks to intuitive operation and notification cockpit with LED display and control handle with potentiometer function for infinitely variable speed control. STIHL anti-vibration system, integrated cooling air filter and standard-equipped oil sensor with LED display to show if oil level is low. Designated mounting point for the STIHL Smart Connector 2 A on the power tool housing.

MSA 300 C-O excluding battery and charger^③

Bar length 40 cm
Order number MA02 200 0024

Bar length **45 cm**
Order number **MA02 200 0027**

Bar length 50 cm
Order number MA02 200 0029

Additional versions:

MSA 300 excluding **40 cm**
MA02 200 0062

battery and charger^③
With Smart Connector 2 A

AP 200



AP 300 S



AP 500 S

**BATTERY POWER^④**

187 Wh

281 Wh

337 Wh

BATTERY RANGES^⑤ (EXAMPLE USE) AND WORKING TIME PER BATTERY CHARGE^⑥ (up to...)

		187 Wh	281 Wh	337 Wh
MSA 160 C-B	When sawing square timber (10 × 10 cm) up to...	42 min, 210 cuts	62 min, 310 cuts	74 min, 370 cuts
MSA 161 T		42 min, 200 cuts	62 min, 300 cuts	74 min, 360 cuts
MSA 200 C-B		42 min, 160 cuts	50 min, 270 cuts	60 min, 320 cuts
MSA 220 C-B		32 min, 150 cuts	37 min, 300 cuts	44 min, 350 cuts
MSA 220 T / MSA 220 TC-O		16 min, 150 cuts	29 min, 290 cuts	34 min, 340 cuts
MSA 300 C-O		-	-	20-44 min ^⑦ , 320 cuts

③ Power capacity according to the specifications of the cell manufacturer. The actual power capacity available during operation is lower, to increase service life

④ The values provided are estimates and may vary depending on the actual cutting work being done

⑤ The stated battery life per charge and area specifications are estimates and may vary depending on how the tool is used and what is being cut

⑥ Working time per battery charge varies depending on the operating mode selected



FSA 86 R

36 V • 0.65 kW •
3.2 kg^①



④

AP 200

High-performance battery-powered brushcutter in a contemporary design for mowing alongside obstacles, as well as around trees and bushes. Cutting circle diameter 350 mm. Ergonomic control handle with infinitely variable speed control, loop handle, sturdy aluminium shaft, and spacer bracket. With C 6-2 AutoCut mowing head. The PolyCut 6-2 mowing head with plastic blades is available as an alternative accessory.



ACCESSORIES:
HARNESS



Sold separately

FSA 86 R excluding battery and charger
Order number **FA05 011 5700**

FSA 90 R

36 V • 2.8 kg^②



④

AP 300 S

Battery brushcutter for working on large areas of tough grass. Cutting circle diameter 380 mm with line mowing head. Loop handle, control handle with STIHL ECOSPEED partial load function to extend working time. For more information on features and technical details, see page 70.



FSA 90 R excluding battery and charger
Order number **4863 200 0090**

① Weight excluding battery, including cutting tool and guard

② Weight excluding battery, cutting tool and guard

FSA 90**36 V • 3.2 kg^③****AP 300 S**

Battery brushcutter for working on large areas of tough grass. Cutting circle diameter 380 mm with line mowing head. Bike handle, control handle with STIHL ECOSPEED partial load function to extend working time.



FSA 90 excluding battery and charger
Order number **4863 200 0089**

FSA 135**36 V • 1.2 kW • 4.9 kg^③****AP 300 S**

Robust and powerful battery-driven brushcutter with an AP battery slot in the power tool. For mowing grass and scrub in noise-sensitive environments. Cutting circle diameter 260 mm with grass-cutting blade, max. cutting circle diameter 420 mm with line mowing tool. Single-handed multi-function handle with speed control and LED display, ergonomic bike handle (mowing handlebar), double shoulder strap, and air filter for a long service life. Versatile use thanks to wide range of STIHL cutting tools. Designated mounting point for the STIHL Smart Connector 2 A on the power tool housing.



FSA 135 excluding battery and charger
Order number **FA01 200 0000**

FSA 135 R**36 V • 1.0 kW • 4.3 kg^③****AP 300 S**

Robust and powerful battery brushcutter with an AP battery slot in the power tool. For mowing grass and scrub in noise-sensitive environments. Cutting circle diameter 260 mm with grasscutting blade, max. cutting circle diameter 420 mm with line mowing tool. Single-handed multi-function handle with speed control and LED display, ergonomic loop handle, double shoulder harness, air filter for a long service life. Versatile use due to wide range of STIHL cutting tools. Mounting point for the STIHL Smart Connector 2 A on the power tool housing. For more information on features and technical details, see page 70.



FSA 135 R excluding battery and charger
Order number **FA01 200 0003**



^③ Weight excluding battery, including blade and guard
^④ For explanation of symbols, see page 75

**HSA 100****36 V • 3.7 kg^①**

Powerful universal hedge trimmer for use in noise-sensitive areas. Enduringly sharp, double-sided cutting blade with 34 mm tooth spacing for excellent cutting performance and rapid work progress. Ergonomic, effortless working, even over longer periods, thanks to optimal power tool balance, rotatable multi-function handle, loop handle with internal switch and STIHL anti-vibration system. Anti-block system to easily change the rotation direction of the cutting blades in the event of blockages. EC engine for constant output and a long service life. Screw-on cut protection, blade tip protector for low-wear work close to the ground or along walls.

HSA 100 excluding battery and charger

Bar length **60 cm**
Order number **HA07 011 3500**

**HSA 130 T****36 V • from 3.9 kg^①**

Extremely powerful and sturdy professional battery-powered hedge trimmer with double-sided cutting blades in the trimming version. High blade speed for a particularly precise and clean cutting pattern. EC engine for constant output and a long service life. Rotatable multi-function handle with three-setting variable stroke rate, ergonomic loop handle with internal switch, friction-optimised blades and screw-on cut and tip protector. Designated mounting point for the STIHL Smart Connector 2 A on the power tool housing. Battery operation possible using the AP holster with connecting cable in combination with a carrying system, or an AR backpack battery (see page 57).

HSA 130 T excluding battery and charger

Bar length **60 cm**
Order number **4869 011 3566**

**HSA 130 R****36 V • from 4.1 kg^①**

Extremely powerful and durable professional battery-driven hedge trimmer with double-sided cutting blades in the pruning version. Low blade speed for powerful cutting. EC engine for constant output and a long service life. Rotatable multi-function handle with three-setting variable stroke rate, ergonomic loop handle with internal switch, friction-optimised blades and screw-on cut and tip protector. Designated mounting point for the STIHL Smart Connector 2 A on the power tool housing. Battery operation possible using the AP holster with connecting cable in combination with a carrying system, or an AR backpack battery (see page 57).

HSA 130 R excluding battery and charger

Bar length **75 cm**
Order number **4869 011 3561**

R = Pruning (for hedge trimmers)
T = Trimming

① Weight excluding battery
② Weight excluding battery, including cutting tool and guard
③ Weight excluding battery, cutting tool and guard
④ For explanation of symbols, see page 75



STIHL batteries with this symbol are also additionally certified to protection class IPX4. This standard confirms that the products are resistant to water splashing from any direction, as already certified by internal testing.



COMPATIBLE BATTERIES AND OTHER ACCESSORIES

AVAILABLE **FROM PAGE 62**



HLA 66**36 V • 3.8 kg^①****AP 200**

Lightweight battery-powered long-reach hedge trimmer for pruning hedges and shrubs as well as plants close to the ground. The cutter bar can be adjusted through 115° without the use of tools for head-height, side, and ground-level cutting. Double-sided cutting blade for a clean cutting pattern. Constant blade stroke and work progress under load. Loop handle, infinitely variable speed control, and intuitive control handle. Transport length with cutter bar folded up 125 cm, total length 205 cm.



ACCESSORIES:
**PROTECTIVE
FOOT**



See page 53

HLA 66 excluding battery and chargerBar length **50 cm**Order number **4859 011 2910****HLA 86****36 V • 4.8 kg^①****AP 200**

Battery-powered long-reach hedge trimmer with significant range for professional use. Particularly well-suited for pruning tall hedges and shrubs as well as cutting back plants close to the ground. Ergonomic work due to a stable square-cut telescopic shaft. Both the shaft length and cutter bar can be adjusted tool-free. The cutter bar can be pivoted through 115° for head-height, side, and ground-level cutting. Double-sided cutting blade for a clean cutting pattern, infinitely variable speed control, and intuitive control handle. Transport length with cutter bar folded up 180 cm; total length 260-330 cm.



ACCESSORIES:
**PROTECTIVE
FOOT**



See page 53

HLA 86 excluding battery and chargerBar length **50 cm**Order number **4859 011 2930****HLA 135****36 V • 5.4 kg^①****AP 200**

Powerful STIHL battery-driven long-reach hedge trimmer, for professional use in noise-sensitive areas. For cutting shrubs and bushes as well as plants near the ground, and the full spectrum of tasks from trimming to pruning. The cutter bar can be adjusted through 145° without the use of tools for head-height, side, and ground-level cutting. Double-sided cutting blade for a clean cutting pattern. Intuitive control handle with an LED display. Designated mounting point for the STIHL Smart Connector 2 A on the power tool housing. Total length 249 cm.



ACCESSORIES:
**PROTECTIVE
FOOT**



See page 53

HLA 135 excluding battery and chargerCutting length **60 cm**Order number **HA04 200 0001****Additional versions:****HLA 135 K** (without loop handle),
excluding battery and charger**50 cm****HA04 200 0005**



AP 200

KGA 770

36 V • Container capacity 40 l • Sweep width 77 cm • 17.0 kg^①

Battery-powered sweeping machine for large areas both indoors and outdoors. STIHL MultiClean PLUS sweeping system, 7-level central height adjustment, side-mounted guide roller, transport handle, stores upright to save space, ergonomically shaped 2-setting height-adjustable push bar. Easy and effortless to push due to the battery-driven 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 durability warranty.

KGA 770 excluding battery and charger
Order number **4860 011 4703**



ACCESSORIES:
**HIP BELT
WITH HOLSTER**



See page 55

AP 200



SGA 85

36 V • 17.0 l • 6.2 kg^②

Easy-to-use battery-powered sprayer for application of liquid pesticides and fertiliser in horticulture and landscaping, as well as in orchards and vegetable cultivation. Particularly effective thanks to a powerful membrane pump with 6 bar of operating pressure. Adjustable nozzle from hollow-cone to full jet, control knob facilitates infinitely variable pressure adjustment during work, wide filler opening for easy tank filling, secure clip to hold the lance during breaks. Ergonomic carrying system with adjustable chest strap for very comfortable working. Additional hip belt as well as various nozzles are available as accessories for a range of uses and applications.

SGA 85 excluding battery and charger
Order number **4854 011 7000**



① Weight excluding battery
② Weight excluding battery and content
③ For explanation of symbols, see page 75



RMA 443 C

36 V • 21.0 kg^①

Powerful and manoeuvrable battery lawn mower for larger areas of lawn. Adjustable mono comfort handlebars for ergonomic work. 6 position central cut-height adjustment, 25 - 75 mm, automatic ECO blade speed control, and flow-optimised blades ensure longer battery life. Robust UV tolerant polymer housing, folding 55-litre grass collection box with fill level display, cutting width 41 cm.

RMA 443 C excluding battery and charger
Order number **6338 011 1415**



RMA 510

36 V • 29.0 kg^②

This powerful battery lawn mower is easy to manoeuvre, quiet and, above all, emission-free. With its cutting width of 51 cm, you can efficiently mow medium-sized to large lawns. The engine has an eco mode so that you can mow as large an area of lawn as possible with one charge. This automatically regulates the speed as you mow. With the central cutting height adjustment, you can set the desired length of your lawn in 7 stages from 35 mm to 90 mm. The 75 litre grass collector is easy to empty and transport.

RMA 510 excluding battery and charger
Order number **6372 011 1402**

① Weight excluding battery
② For explanation of symbols, see page 75



RMA 510 V

36 V • 29.0 kg^①

Efficient self-propelled battery lawn mower with a 51 cm cutting width for medium to large-sized areas of lawn. Central cut-height adjustment (25 - 100 mm), 1.5 - 4.5 km/h electric Vario wheel drive and folding bar with 3-setting height adjustment for comfortable work. Including 70-litre grass catcher with fill-level indicator.



RMA 510 V excluding battery and charger
Order number **6372 011 1412**

ACCESSORIES:
**ADA 700
DOUBLE
BATTERY SLOT
ADAPTER**



AR 3000 L

RMA 765 V

36 V • 44.0 kg^①

Robust professional battery-powered lawn mower for regular lawn care particularly in noise-sensitive areas such as residential locations, schools, and hospital gardens. 63 cm cutting width, 2-blade flow-optimised mowing unit, cut-height adjustment by wheel, electric Vario wheel drive and height-adjustable folding comfort handlebar. 80-litre grass catcher with fill-level indicator.



RMA 765 V excluding battery and charger
Order number **6392 011 1407**



POWER UP. SOUND DOWN.

BGA 300 BATTERY BLOWER WITH THE INNOVATIVE STIHL NOISE REDUCTION SYSTEM.

Full blowing power, maximum flexibility in handling – and with significantly reduced noise impact: the BGA 300 backpack battery-powered blower with AR 3000 L battery impresses in every situation, especially in residential environments and other noise-sensitive areas. The unique STIHL Noise Reduction

System takes care of that, as it distributes the sound over 360° and thereby reduces negative noise frequencies. The BGA 300 also offers three power levels with light, medium and high blowing power for all types of leaves, grass clippings and debris, as well as an extra boost mode available throughout the entire battery life.



		STIHL BGA 300
BLOWING FORCE	[N]	26
MAX. AIR SPEED*	[M/S]	86
AIR THROUGHPUT	[M ² /H]	970
SOUND POWER LEVEL / SOUND PRESSURE LEVEL	[DB (A)]	93/83
WEIGHT EXCLUDING BATTERY	[KG]	7.4



THE UNIQUE STIHL NOISE REDUCTION SYSTEM.

With decreased volume and a reduction of negative frequencies, the STIHL Noise Reduction System a unique solution on the market to date. By implementing an innovative encapsulation of the fan wheel – the blower input – output noise is evenly distributed over 360° and reduced so much that the BGA 300 can be used even in noise-sensitive environments without any concerns. And at full power too.



THREE POWER LEVELS. ONE BOOST MODE

The three power levels of the BGA 300 offering light, medium and high blowing power, deliver just what you need for every application at the push of a button. A special feature is the boost mode, which permanently activates the maximum power of the BGA 300 and can deal with even very large quantities of wet leaves. If you want to work continuously at the same power level, you can also set the desired power level via the speed control.

FULLY FLEXIBLE. FULLY ERGONOMIC.

The right length for every corner, the perfect angle for every niche: thanks to the quickly adjustable blower tube length and a variable handle position, you can operate the BGA 300 flexibly anywhere, as the blower tube can be shortened or extended in just a few simple movements. Another advantage: the BGA 300 has an ergonomic and individually adjustable wearing and handle system that can be quickly and easily adjusted to suit individual requirements. With this in mind, the BGA 300 has been designed such that the centre of gravity of the device always sits directly against your body in the correct carrying position – for the highest possible comfort when working.

* In Boost mode





AP 300 S

BGA 8636 V • 15 N^① • 2.8 kg^②

Convenient to operate, high-performance battery-powered blower for professional use, particularly in urban areas such as playgrounds and car parks. For removing leaves, green waste, and dirt. Round nozzle, softgrip handle, three-setting length-adjustable blower tube, adjustable blowing force. Flat nozzle available as an accessory for increased air speed.

BGA 86 excluding battery and charger
Order number **BA02 011 5900**

INC. COMFORT CARRYING SYSTEM

AR 3000 L

BGA 20036 V • 21 N^① • 3.2 kg^②

Very powerful battery-driven blower for professional use in urban and noise-sensitive areas. Flexible 2-in-1 power tool can be used in hand-held mode for narrow and tight spaces and in mounted mode with the specially developed comfort carrying system, for large areas or longer periods of use. It is possible to quickly and easily switch between the two modes at any time. The curved shape of the BGA 200 ensures that, in spite of the powerful airflow, there is no tipping or turning effect on the blower – reducing the strain on your wrist. The second handle and locking throttle make it even more comfortable to work with. At the press of a button, the blower tube length can easily be adapted for different cleaning situations such as cleaning in corners. The standard comfort carrying system is attached to the hip belt of the carrying system for AR backpack batteries.

BGA 200 excluding battery and charger, but including comfort carrying system
Order number **BA01 200 0000**

① Force in Newtons (N) for comparing the performance of blowers
② Weight excluding battery
③ Delivery includes composite resin cutting wheel for structural steel and stainless steel



AR 3000 L

BGA 10036 V • 17 N^① • 2.5 kg^②

Pleasantly quiet, lightweight and very powerful battery-driven blower for professional use, especially in urban, noise-sensitive areas. Round nozzle, softgrip handle, four power levels including Boost function, three-setting length-adjustable blower tube, suspension eyelet for support cushion (accessories). Flat nozzle available as an accessory for increased air speed. Battery operation via a connecting cable and battery belt, AP carrying system, or AR backpack battery (see page 57).

BGA 100 excluding battery and charger
Order number **4866 011 5900**



STIHL NOISE REDUCTION SYSTEM

This reduces negative frequencies and noise peaks at the turbine input to such an extent that uniformly low noise emissions are achieved all around the power tool - i.e. at 360° - and a comfortable sound level is achieved for people in the vicinity.



BGA 300

POWER UP. SOUND DOWN.

AR 3000 L

The most powerful battery blower from STIHL for professional use in noise-sensitive areas. High air speed for quick removal of wet, heavy leaves. Especially quiet thanks to the unique STIHL Noise Reduction System. Variable adjustment of the blowing force over four power levels including Boost. Rapid adjustment of blower tube length and handle position. Ergonomic carrying system with hip belt. Can be used with AR L backpack batteries. Backpack AR L battery and AP batteries not included. Designated mounting point for the Smart Connector 2 A on the power tool housing.

26 N
Blowing
force^①

86 M/S
Air speed

MAX. 94 DB(A)
Volume^②



36 V • 26 N^① • 7.4 kg^③

BGA 300 excluding battery and charger
Order number **BA03 011 5900**

① Weight excluding battery and cutting wheel
② K-factor in accordance with Directive 2006/42/EC = 2.0 dB(A)
③ For explanation of symbols, see page 75



HTA 66

36 V • 1.1 kW •
3.3 kg^②



IPX4

AP 200

Very lightweight and quiet yet powerful battery-driven pole pruner for grounds, garden and orchard maintenance. With 1/4" PM3 saw chain, lightweight drive head with branch hook and rigid shaft. Total length 240 cm.



HTA 66 excluding battery and charger^①

Order number **LA03 200 0004**

HTA 86

36 V • 1.1 kW •
4.6 kg^②



IPX4

AP 200

Powerful battery-driven pole pruner for use in tree maintenance, orchards and local authorities. Quiet and low-vibration. For pruning trees, removing dead or storm-damaged wood, and for pruning fruit trees. 1/4" PM3 saw chain, lightweight and compact drive head with sturdy branch hook for easy removal of loose cuttings from the tree. Particularly rigid-in-guidance professional telescopic shaft with rapid adjustment for accurate biting characteristics and a precise cut. Total length 270-390 cm.



HTA 86 excluding battery and charger^①

Order number **LA03 200 0002**

HTA 135

36 V • 1.5 kW •
6.8 kg^①



IPX4

AP 300 S

The most powerful STIHL battery-driven pole pruner. Quiet and low-vibration. For professional use in tree maintenance, orchard care and local authorities. For pruning trees, removing dead or storm-damaged wood, and for pruning fruit trees. 1/4" PM3 saw chain, lightweight magnesium transmission with cast-on, sturdy branch hook for easy removal of loose cuttings from the tree. Particularly rigid-in-guidance professional telescopic shaft with rapid adjustment for accurate biting characteristics and a precise cut. Designated mounting point for the STIHL Smart Connector 2 A on the power tool housing. Total length 285-405 cm.



**INC.
PROTECTIVE
FOOT**

HTA 135 excluding battery and charger^①

Order number **LA01 200 0002**

**BRACKET FOR
TELESCOPIC SHAFT**

For outstanding ergonomic design in combination with a shoulder strap or the RTS harness. The tool is easy to attach and quick to release. Suitable for HT 135, HTA 86, HLA 86 and HTA 135. Already included in delivery with the HT 135 and HTA 135.

Order number **0000 790 8600**

PROTECTIVE FEET

For protecting the power tool and battery from direct contact with the ground.



For HTA 66, HTA 86, HLA 66 and HLA 86

Order number **4857 007 1001**

For protecting the power tool and battery from direct contact with the ground. Already included in delivery with the HTA 135.



For HLA 135, HTA 135 and KMA 135 R

Order number **LA01 007 1002**

① Weight excluding battery, guide bar and saw chain, including protective foot

② Weight excluding battery, guide bar and saw chain

③ Including guide bar, saw chain and protective foot

AP 300 S

**TSA 230^③**36 V • 3.9 kg^④

Easy-to-manoeuve battery-powered cut-off machine for 230 mm cutting wheels. Suitable for indoor and outdoor use, up to 70 mm cutting depth, water connection with ball valve and hose coupling for wet cutting, spindle lock, maintenance-free belt drive.

TSA 230 excluding battery and charger

Order number **4864 011 6600**

RTS HARNESS

For prolonged use. Can be adjusted to the user's size, and enables effortless and ergonomic work. For pole pruners, KombiEngines with HT-KM or HL-KM 145° and long-reach hedge trimmers.



Order number **0000 790 4400**

**COMPATIBLE BATTERIES AND OTHER ACCESSORIES**

AVAILABLE **FROM PAGE 52**

④ Including guide bar and saw chain

③ For explanation of symbols, see page 75





ACCESSORIES:
**PROTECTIVE
FOOT**



See page 53



AP 300 5

KMA 135 R

36 V • 1.2 kW • 3.4 kg^①



Robust and powerful battery-driven KombiEngine with an AP battery slot in the power tool. For working in noise-sensitive environments. The wide range of STIHL KombiTools enables versatile use. Single-handed multi-function handle with speed control and LED display, loop handle with barrier bar, air filter for a long service life. Designated mounting point for the STIHL Smart Connector 2 A on the power tool housing.

KMA 135 R excluding battery and charger

Order number

FA02 011 6800

SELECTED COMPATIBLE KOMBITOOLS:



FOR MORE KOMBITOOLS,

GO TO **STIHL.COM.AU**

R = Loop handle

① WEIGHT EXCLUDING BATTERY AND KOMBITOOL

② Ear protection must be worn when using the BG-KM blower

③ For explanation of symbols, see page 75



AR L BATTERIES

- ✓ Durable lithium-ion batteries with a very high power capacity for long running times
- ✓ Easily associated with STIHL connected via integrated Bluetooth® interface
- ✓ Charge-level indication by means of 6 green LEDs
- ✓ Can be used in the rain^③
- ✓ Comfortable carrying system as an accessory



Can be directly connected to BGA 300 and RMA 765 V. Also suitable for battery-powered tools with a socket in conjunction with the AR L carrying system and the AR L connecting cable, as well as for power tools with a battery slot in conjunction with the adapter AP. IPX4 certified.

AR 2000 L excluding AR L connecting cable, adapter AP and AR L carrying system, 1,015 Wh battery power^④, 7.4 kg^⑤
Order number **4871 400 6510**

AR 2000 L set with AR L connecting cable, adapter AP and AR L carrying system, 1,015 Wh battery power^④
Order number **7019 200 0053**

AR 2000 L set with AR L connecting cable and adapter AP (excluding AR L carrying system), 1,015 Wh battery power^④
Order number **4871 200 0000**

AR 3000 L excluding AR L connecting cable, adapter AP and AR L carrying system, 1,520 Wh battery power^④, 9.5 kg^⑤
Order number **4871 400 6520**

AR 3000 L set with AR L connecting cable and adapter AP (excluding AR L carrying system), 1,520 Wh battery power^④
Order number **4871 200 0001**

AR 3000 L set with AR L connecting cable, adapter AP and AR L carrying system, 1,520 Wh battery power^④
Order number **7019 200 0052**

AR L CARRYING SYSTEM

Carrying system for tool-free attachment of AR 2000 L and AR 3000 L. With 3-setting length-adjustable shoulder straps for individual adjustment to user height and flexible hip belt for ergonomic work. Power is supplied via the connecting cable and, as an optional extra, the adapter AP.



Order number **4871 490 0400**

AP CARRYING SYSTEM

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



Order number **4850 490 0400**

AP HOLSTER WITH CONNECTING CABLE^⑥

Makes it possible to transfer energy between a STIHL AP battery and a power tool with a socket. Can be combined with the carrying system and the battery belt with harness. Not compatible with ADVANCE X-Flex modular harness system. Cable length 120 cm. With integrated electronics for overload switching with acoustic signals.



Order number **4850 440 5101**

CONNECTING CABLE FOR AR L BATTERIES

For power transfer when charging AR L batteries and when operating battery-driven power tools. Cable length 180 cm.



Order number **4871 440 2000**

BUMPER SPIKES

Large metal bumper spikes for coarse-barked wood.



For MSA 220 T and MSA 220 TC-O
Order number **MA01 664 0500**

^③ Rain application e.g. with BGA 300 or other products approved for rain application.

^④ Energy content according to cell manufacturer's specification. To increase the the energy content available in the actual application is available in the actual application is lower

^⑤ Weight without support system

COMFORT CARRYING SYSTEM

The comfort carrying system enables the BGA 200 to be used in different ways – either hand-held or hooked in on the side of the user's body. Switching between these two modes is easy and incredibly fast, making your work so much easier – particularly during longer periods of use. The comfort carrying system can only be used in combination with a carrying system for AR backpack batteries. It cannot be used with the battery belt or the AP carrying system. AR batteries and the AR carrying system are not included in delivery.



For BGA 200

Order number **BA01 490 0400**

SOCKET COVER

Protects against dust and dirt during longer periods of storage.

For battery-driven power tools with a socket, such as BGA 100, BGA 200, HSA 130 R and HSA 130 T

Order number **4850 432 2301**



COVER FOR THE AP-SYSTEM BATTERY SLOT

For covering the battery slot on battery-driven power tools in the STIHL AP-System. Protects against dust and dirt during longer periods of storage.



Order number **4850 602 0900**

PROTECTIVE FEET

For protecting the power tool and battery from direct contact with the ground.



For HTA 66, HTA 86, HLA 66 and HLA 86

Order number **4857 007 1001**

For protecting the power tool and battery from direct contact with the ground. Already included in delivery with the HTA 135.



For HLA 135, HTA 135 and KMA 135 R

Order number **LA01 007 1002**



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 through combination with additional accessories, such as the AP holster with connecting cable for tools with a socket, or additionally with an adapter AP for tools with a battery slot. Not suitable for the BGA 200 comfort carrying system.

Order number **4850 490 0500**

ACCESSORIES: POCKET 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 or AR carrying system. Not compatible with ADVANCE X-Flex modular harness system.



Order number **4850 491 0101**

ACCESSORIES: ADAPTER AP

For power transfer from a STIHL AP battery in combination with the AP holster and connecting cable, or with a STIHL AR battery and a power tool with a battery slot, and for charging in combination with AL 301, AL 500, or AL 301-4.



Order number **4850 440 0505**

ACCESSORIES: WEIGHT KITS FOR ADAPTER AP

Attached to the adapter AP to improve the balance of the machine, e.g. for FSA 90, approx. 500 g.



Order number **4850 007 1001**



BATTERY BOXES (SYSTAINER³ SYSTEM)

For safe storage and easy, space-saving transport of batteries, chargers and other accessories. The boxes are stackable and T-Loc connectors make it possible to even access a single box within a stack. The STIHL Systainer[®] system battery boxes fit perfectly with the bott vario3 system and can be flexibly integrated.

Battery box S

With formed insert for two AP batteries and one AL charger.

Order number **0000 882 9703**

Battery box M

With formed insert for six AP batteries and one AL charger.

Order number **0000 882 9704**

Battery box L

With cushioned base, e.g. for one AR L battery and a carrying system or for AP batteries.

Order number **0000 882 9705**

BATTERY CARRIER

For simple and practical transport of up to six AP batteries. AP batteries not included in scope of delivery.



Order number **4850 490 0600**

ADA 700

Double battery slot adapter for use of two AP batteries, for RMA 765 V. AP batteries not included in scope of delivery.



Order number **6909 400 9401**

CARRY BAG



Lightweight, durable bag for transport and storage of all STIHL KombiEngines with a loop handle, and the FS-KM or HL-KM KombiTools. Also ideal for the KMA 135 R, HSA 50, HSA 60, HSA 100, HLA 56, BGA 57, BGA 60, BGA 86 and BGA 100 battery-driven power tools, in each case with one battery and charger. The contents shown are not included with the bag.

Order number **0000 881 0507**

AP BATTERIES

Suitable for all power tools with a battery slot and for battery-driven power tools with a socket in conjunction with the AP holster including connecting cable, the battery belt with harness or the AP carrying system. IPX4 certified.



AP 200

187 Wh battery power^③, 1.3 kg

Order number

4850 400 6560

! AP 300

227 Wh battery power, 1.7 kg

Order number

4850 400 6570

 With Bluetooth[®] interface for integration with STIHL connected

AP 300 S

281 Wh battery power^③, 1.8 kg

Order number

4850 400 6580

AP 500 S

337 Wh battery power^③, 2.0 kg

Order number

EA01 400 6500

COVER FOR THE AP-SYSTEM BATTERY SLOT

For covering the battery slot on battery-driven power tools in the STIHL AP-System. Protects against dust and dirt during longer periods of storage.



Order number **4850 602 0900**

AL 101 STANDARD CHARGER

230 V. Compatible with STIHL AK and AP batteries. Enables overnight charging of multiple batteries from one electrical point. With charge-level indicator (LED). Cable tie with Velcro tape. Can be wall-mounted.



Order number **4850 430 2525**

QUICK CHARGERS

240 V. For shorter charging times for STIHL AK, AP and AR L batteries. Wall attachment fixtures and cable winding in housing base. With operating mode indicator via LED and active battery cooling.



AL 301

Order number **EA09 430 5505**

AL 500

Order number **4850 430 5705**

In the STIHL connected app, you can select whether you want to charge the battery normally, quickly or gently when combining the AP 300 S battery with our AL 501 charger.

NEW AL 501

Order number **EA09 430 5705**

AL 301-4 MULTIPLE BATTERY CHARGER

230 V. Multiple charger for charging up to 4 AP batteries or three AP batteries and one backpack AR battery overnight. The batteries are charged one after the other. Can be secured either to the wall or on a shelf, or permanently installed in a vehicle. With operating mode indicator via LED and active battery cooling. Connecting cable and adapter AP for charging AR backpack batteries not included in delivery.



Order number **EA04 430 5505**

HIP BELT WITH HOLSTER



Makes it easier to carry the SGA 85 battery-powered sprayer when full. The SGA 85 lance can be fastened into the hip belt holster during breaks.

For SGA 85

Order number **4854 710 9100**



SUPPORT CUSHION SET

Support pad with belt adapter for attaching the support pad to the battery belt with carrying strap, to the AP carrying system or to the AR L carrying system. Not suitable for use with the modular harness system.

For BGA 100, KMA 130 R, KMA 135 R, FSA 135, FSA 135 R

Order number **0000 007 1045**



SMART CONNECTOR

Basic solution for networking petrol-driven, electric and battery-powered products. Attached to the outside of the power tool and integrated with STIHL connected on a one-off basis, the Smart Connector records operational time and transfers it via Bluetooth® to the STIHL connected App or STIHL connected Hub. The power tool information is then stored in the STIHL cloud and is available in the STIHL connected App as well as the STIHL connected Portal. This means you have an overview of all your connected power tools' running time, required maintenance, and much more. The Smart Connector can even be used with power tools from other manufacturers.

Packaging unit 1 piece

Order number

0000 400 4900

Packaging unit 10 piece

Order number

0000 400 4903



SMART CONNECTOR 2 A

For integrating selected STIHL professional battery-driven power tools with STIHL connected. Mounted at the designated mounting point in the power tool housing and connected with the power tool electronics, the Smart Connector 2 A records data including battery life and speed, and makes it available in the STIHL connected Portal. In addition, important power tool information can be viewed in the STIHL connected App. The buttons and LED display on the Smart Connector 2 A let you know if there is a notification for your power tool, such as a message that maintenance is due.

Packaging unit 1 piece

Order number

CA01 400 4900



POWER TOOLS WITH A SOCKET

ENERGY SUPPLY AND CARRYING SYSTEMS



HSA 130 R



BGA 100



HSA 130 T



BGA 200

BATTERY POWER SUPPLY

AP 200
AP 300 S
AP 500 SAP holster with
connecting cableAR 2000 L
AR 3000 LConnecting
cable for
AR L bat-
teriesAR 2000 L
AR 3000 LConnecting
cable
for AR L
batteries

Adapter AP

CARRYING SYSTEMS

Battery belt with harness or
AP carrying system^①

Carrying system for AR L

ATTACHMENT OPTIONS

Support cushion
for BGA 100 and FSAComfort carrying system
for the BGA 200^②

① Separate mobile contract required

② When using AR batteries with connection cable or an AP battery in the holster, the maximum power is limited in some devices. The battery life remains unchanged.

③ The comfort carrying system for the BGA 200 can only be used with the carrying system for AR L batteries. It cannot be combined with the AP battery belt or the AP carrying system.

iMOW® & LAWN MOWER CARE & CLEAN KIT

Cleaning and maintenance kit for iMOW® and lawn mower. For effective cleaning of the housing, mower unit, and iMOW® docking station.



iMOW® & lawn mower Care & Clean kit - standard pack

- 1 × MultiClean, 500 ml
- 1 × cleaning brush with scraper
- 1 × microfibre cloth (grey)

Order number **0782 516 8600**

MS CARE & CLEAN KIT

Cleaning and maintenance kit for STIHL chainsaws. For effective and gentle cleaning of surfaces, sprocket covers, cylinder fins, guide bars, oil holes, and HD2 air filters.



MS Plus Care & Clean kit - special value pack

- 1 × VarioClean Eco, 500 ml
- 1 × cleaning brush with groove cleaner
- 1 × microfibre washbag for HD2 filter

Order number **0782 516 8607**

MULTICLEAN

Universal cleaning agent for plastic, metal, rubber and painted surfaces. Thoroughly and gently removes even stubborn dirt. High material compatibility



Spray bottle, 500 ml

Order number **0782 516 8200**

MULTISPRAY

Multi-functional oil for lubrication and removing dirt and stubborn parts, as well as corrosion protection, contact spray and penetrating oil.



Can, 400 ml

Order number **7004 871 0437**

VARIOCLEAN

Special cleaner for dissolving and removing organic oil residues and for cleaning housings and STIHL HD2 filters (white), wire mesh filters (silver) and PA filters (white).



Spray bottle, 500 ml

Order number **7004 871 0439**



CLEANING AGENTS																	
SUPERCLEAN	WHERE TO USE	Cutting attachments, hedge trimmer blades and chainsaws	EFFECT	-	-	•	•	REMOVED	-	-	•	-	•	-	•	-	USAGE INFORMATION
		Attachments and power tools		•	•	•	•		-	-	-	•	•	•	-	-	
		Plastic, metal, rubber and painted surfaces		-	-	-	-		•	•	•	-	-	-	•	•	
		Air filters, cutting attachments, blades, circular saw blades, and machine housings		-	-	-	-		•	•	•	-	-	-	•	•	
MULTISPRAY																	
MULTICLEAN																	
VARIOCLEAN																	

AP 200



AP 300 S



AP 500 S



BATTERY POWER ^① (Wh)	187	281	337
BATTERY CHARGING TIMES CAPACITY: 80%/100% (min)			
AL 101	150 / 200	230 / 300	280 / 355
AL 301	40 / 55	55 / 80	70 / 90
AL 301-4	40 / 55	55 / 80	70 / 90
AL 500 !	30 / 45	30 / 45	40 / 55
AL 501 NEW	25 / 35	30 / 45	40 / 55
WORKING HOURS PER BATTERY CHARGE ^② (up to... min)			
MSA 160 C-B	42	62	74
MSA 200 C-B	42	50	60
MSA 220 C-B	32	37	44
MSA 300 / MSA 300 C-O	-	-	20-44 ^②
MSA 161 T	42	62	74
MSA 220 T / MSA 220 TC-O	16	29	34
HTA 66	42	68	82
HTA 86	42	68	82
HTA 135	22	70	54
FSA 86 R with line mowing head / with PolyCut	35 / 60	52 / 85	62 / 102
FSA 90 !	36	45	56
FSA 90 with grass-cutting blade	36	56	67
FSA 90 R with nylon mowing head	24	37	44
FSA 135 with grass-cutting blade	50-30 ^②	100-50 ^②	120-60 ^②
FSA 135 R with line mowing head	28-17 ^②	45-25 ^②	54-30 ^②
HSA 100	150	225	270
HSA 130 R / HSA 130 T	108-84 ^②	167-130 ^②	200-155 ^②
HLA 66	144	223	268
HLA 86	144	223	268
HLA 135 / HLA 135 K	64	95	114



Learn about the battery life per battery charge for different STIHL battery power tools as well as the charging times for different STIHL batteries.

Scan the QR code and discover the battery life and charging times



- Recommended battery
- Reduced tool performance
- Not recommended
- Only while stocks last!

- ① Power capacity according to the specifications of the cell manufacturer. The actual power capacity available during operation is lower, to increase service life
- ② The stated battery life per charge and area specifications are estimates and may vary depending on how the tool is used and what is being cut

AR 2000 L 

1,015

AR 3000 L 

1,520

-

-

220 / 290

330 / 430

220 / 290

330 / 430

110 / 150

170 / 220

120 / 160

130 / 230

195

300

175

260

220

310

-

-

195

300

109

174

210

300

210

300

160

240

185 / 300

280 / 450

195

285

195

290

130

195

310-160^③430-240^③160-90^③220-130^③

730

1,100

690-565^④985-800^④

715

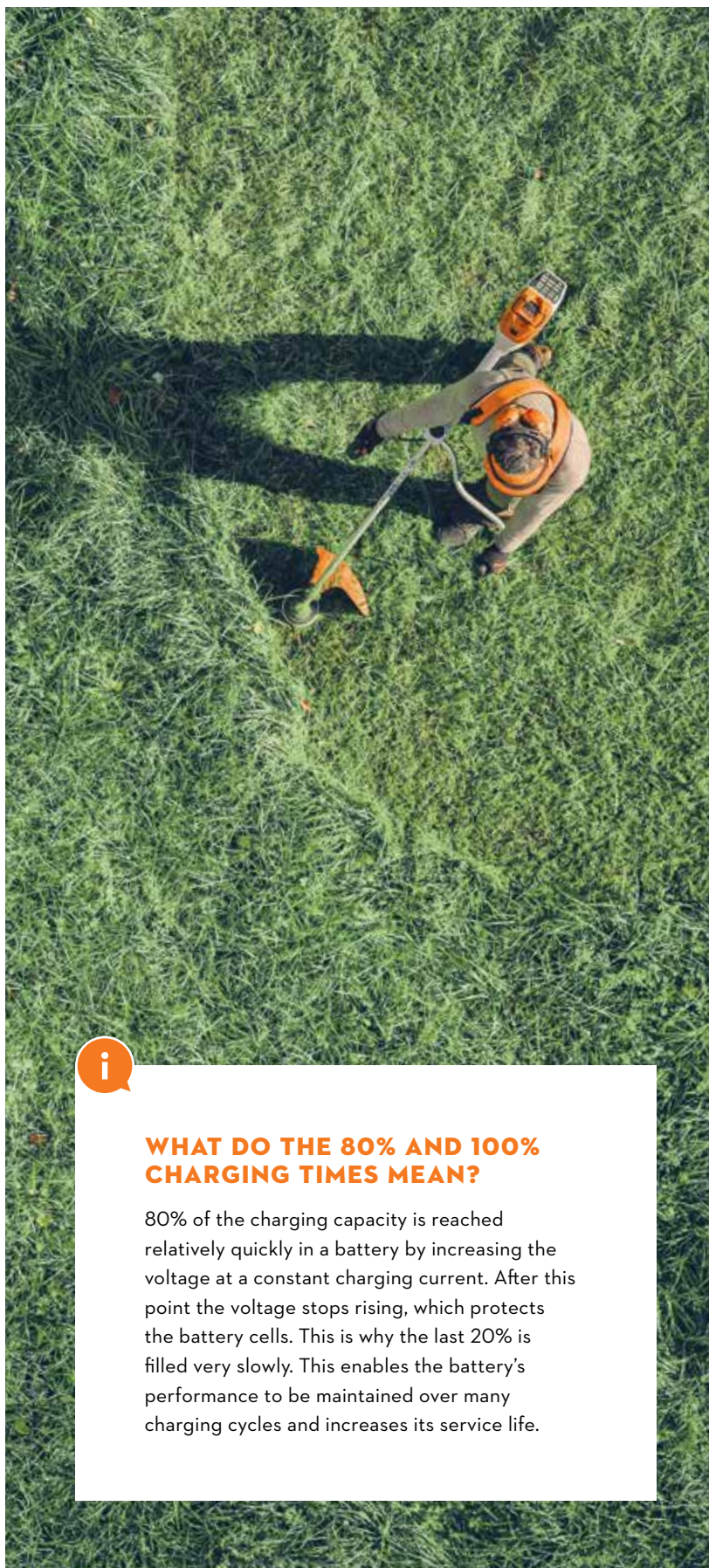
1,040

715

1,040

345

520

**WHAT DO THE 80% AND 100% CHARGING TIMES MEAN?**

80% of the charging capacity is reached relatively quickly in a battery by increasing the voltage at a constant charging current. After this point the voltage stops rising, which protects the battery cells. This is why the last 20% is filled very slowly. This enables the battery's performance to be maintained over many charging cycles and increases its service life.

③ Working times in combination with other KombiTools are available at stihl.com.au/en/stihl-technology

④ Level 1 to level 3 / 4

⑤ Working time per battery charge varies depending on the operating mode selected

⑥ Available from spring 2024

	AP 200	AP 300 S	AP 500 S
			
BATTERY POWER^① (Wh)	187	281	337
WORKING HOURS PER BATTERY CHARGE^② (up to... min)			
KMA 135 R with FS-KM, line mowing head ³	28-14 ^②	45-22 ^②	54-26 ^②
KMA 135 R with FS-KM, grass-cutting blade ³	50-30 ^②	100-50 ^②	120-60 ^②
TSA 230	14	22	26
KGA 770	168	260	312
SGA 85	1,000	-	-
BGA 86	17	26	31
BGA 100	66, 28, 17, 12 ^②	103, 44, 26, 20 ^②	123, 52, 31, 24 ^②
BGA 200	49, 21, 11, 7 ^②	95, 38, 20, 14 ^②	114, 45, 24, 17 ^②
BGA 300	16, 13, 13, 13 ^②	25, 18, 14, 10 ^②	29, 21, 17, 12 ^②
RANGE PER BATTERY CHARGE^② (up to ... m²)			
RMA 443 C	300	560	650
RMA 510	230	336	440
RMA 510 V	196	286	343
RMA 765 V	-	400	480



■ Recommended battery
■ Reduced tool performance
 - Not recommended

① Power capacity according to the specifications of the cell manufacturer. The actual power capacity available during operation is lower, to increase service life

② The stated battery life per charge and area specifications are estimates and may vary depending on how the tool is used and what is being cut

AR 2000 L 		AR 3000 L 	
1,015		1,520	
160-80 ^②		200-115 ^②	
310-160 ^②		430-240 ^②	
80		125	
-		-	
-		-	
90		140	
375, 160, 100, 75 ^③		555, 225, 140, 105 ^③	
315, 146, 76, 53 ^③		500, 220, 117, 85 ^③	
97, 72, 57, 48 ^③		140, 105, 83, 61 ^③	
-		-	
-		-	
-		-	
2,050		3,100	



STIHL batteries with this symbol are also additionally certified to protection class IPX4. This standard confirms that the products are resistant to water splashing from any direction, as already certified by internal testing.



③ Working times in combination with other KombiTools are available at stihl.com.au/en/stihl-technology
② Level 1 to level 3 / 4
③ Level 1 to level 3 / Boost
④ Available from spring 2024

BATTERY POWER AT A GLANCE

	Order number	Lawn areas up to ... (m ²)	Cutting width (cm)	Cutting height (mm)	Mulching function	Grass catcher box (l)	Drive (km/h)
BATTERY LAWN MOWERS							
RMA 443 C	6338 011 1415	-	41	25 – 75 (6x, central)	○	55	-
RMA 510	6372 011 1402	-	51	35 – 90 (7x, central)	●	75	-
RMA 510 V	6372 011 1412	-	51	25 – 100 (8x, central)	●	75	V / 1 – 4.5
RMA 765 V	6392 011 1407	-	63	25-100 (8-level, single-wheel)	○	80	V / 0 – 5.5

	Order number	Recommended retail price in euros	Container capacity (l)	Sweep width (cm)	Rated voltage (V)	Weight (kg)	Sound pressure level ^① (dB(A))	Sound power level ^② (dB(A))	For areas up to ... (m ²)
BATTERY-POWERED SWEEPING MACHINE									
KGA 770	4860 011 4703	934.00^③	40	77	36	17.0 ^③	64	80	2,000

- Fitted as standard
- Retrofittable (accessory)
- P = Performance
- R = Lawn roller (for RMA 448 RV)
- V = Vario wheel drive

① Area coverage from one battery charge in optimum conditions. As well as the type of battery used, other factors influence the actually achievable area coverage, such as the lawn area characteristics (obstacles, geometry), grass height and moisture level, working speed, mulching, etc. The achievable area coverage can be increased by recharging or using multiple rechargeable batteries.

	Working speed (rpm)	Weight (kg)	Guaranteed sound power level (dB(A))	Measured sound pressure level (dB(A))	Sound pressure level uncertainty ^② (dB(A))	Vibration level (m/s ²)	Vibration level uncertainty ^③ (m/s ²)	Eco mode	Comfort handlebar	Folding grass catcher box	Central cut-height adjustment	Flow-optimised blade
	3,150	21.0 ^④	91	78	2	1.80	0.90	●	●	●	●	●
	3,200	27.0 ^④	93	83	3	1.60	0.80	●	-	-	●	-
	3,200	29.0 ^④	93	83	3	1.60	0.80	●	-	-	●	-
	3,300	44.0 ^④	93	84	3	1.4	0.7	●	●	-	-	●
Sweeping principle												
Central height adjustment												
Protective cover for long transmission life												
All-around sealing + air filter												
Bristle hold-down clamp												
Ergonomically shaped push bar												
Battery operation (for circular brushes / power sweep)												
Indoor areas: Interlocking paving stones / sealed floors												
Outside areas: Asphalt / exposed aggregate concrete / interlocking paving stones / cobblestones												
MultiClean PLUS	●	●	●	●	●	●	●/●	●/●	●/●/●/●			

② Uncertainty in accordance with Directive 2006 / 42 / EC

③ Weight excluding battery

④ Weight including battery and excluding charger

⑤ Eco mode cannot be switched off manually

⑥ Available from spring 2024

⑦ K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)

	Order number	Bar length (cm)	Displacement (cm ³)	Power output (kW / hp)	Rated voltage (V)	Power consumption (W)	Weight (kg) ④	Sound pressure level ^① (dB(A))	Sound power level ^② (dB(A))	Vibration level, left/right ^③ (m/s ²)
BATTERY-POWERED LONG-REACH HEDGE TRIMMERS										
HLA 66 (115°)	4859 011 2910	50	-	-	36	-	3.8	80	91	2.3 / 1.8
HLA 86 (115°)	4859 011 2930	50	-	-	36	-	4.8	80	91	2.3 / 1.6
HLA 135 K (145°)	HA04 200 0005	60	-	-	36	-	5.2	85	96	2.3 / 2.7
HLA 135 (145°)	HA04 200 0001	60	-	-	36	-	5.4	85	96	2.5 / 3.3
BATTERY-POWERED HEDGE TRIMMERS										
HSA 100	HA07 011 3500	60	-	-	36	-	3.7	76	84	1.0 / 0.8
HSA 130 R	4869 011 3561	75	-	-	36	-	4.4	84	95	3.6 / 2.8
HSA 130 T	4869 011 3566	60	-	-	36	-	3.9	84	95	3.0 / 2.8

	Order number	Displacement (cm ³)	Power output (kW / hp)	Rated voltage (V)	Power consumption (kW)	Weight (kg)	Sound pressure level ^① (dB(A)) ^⑥	Sound power level ^② (dB(A)) ^⑥	Vibration level left/right ^③ (m/s ²) ^⑦
BATTERY-POWERED KOMBIENGINES									
KMA 135 R	FA02 011 6800	-	-	36	1.0	3.4 ^⑧	91	104	5.0 / 3.7

- Fitted as standard
- Retrofittable (accessory)

R = Pruning
T = Trimming
K = Short shaft

- ① K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)
- ② K factor in accordance with Directive 2006 / 42 / EC = 2 m/s²
- ③ With blade cutting attachment ④ Weight excluding battery
- ⑤ Level 1 / level 2 / level 3
- ⑥ Weight excluding battery and KombiTool
- ⑦ Maximum values for KombiTools that can be used
- ⑧ Force in Newtons (N) for comparing the performance of blowers
- ⑨ In blower mode

	STIHL Smart Connector 2 A					
	Total length ^② (cm)	Stroke rate (rpm)	Tooth spacing (mm)	STIHL anti-vibration system	Loop handle	Rotatable multi-function handle
	205	3,000	33	●	-	-
	260-330	3,000	33	-	-	-
	219	4,000	34	-	-	○
	249	4,000	34	●	-	○
	116	3,000	34	●	●	-
	132	2,800 / 3,000 / 3,200 ^②	38	-	●	○
	118	4,400 / 4,700 / 5,000 ^②	30	-	●	○
	STIHL Smart Connector 2 A					
	In combination with BG-KM: blowing force (N) ^②	In combination with BG-KM: max. air speed (m/s)	In combination with BG-KM: air throughput (m³/h) with round nozzle ^②	Length to coupling sleeve (cm)	Loop handle	Harness
	15	68	812	96	●	●
						○



	Order number	Bar length ^① (cm)	Displacement (cm³)	Power output (kW / hp)	Power consumption (kW)	Rated voltage (V)	Weight (kg)	Power-to-weight ratio (kg/kW)	Sound pressure level ^② (dB(A))	Sound power level ^③ (dB(A))	Vibration level, left/right ^④ (m/s²)
CHAINSAWS FOR AGRICULTURE AND HORTICULTURE											
MSA 160 C-B	MA03 200 0004	30	-	1.26 ^⑤ / -	1.5	36	3.1 ^⑤ / 3.5 ^⑤	-	85	93	2.7 / 2.9
MSA 200 C-B	MA03 200 0010	35	-	1.46 ^⑤ / -	1.8	36	3.1 ^⑤ / 3.5 ^⑤	-	85	93	4.6 / 3.9
MSA 220 C-B	MA03 200 0020 MA03 200 0021	35 40	-	1.76 ^⑤ / -	2.1	36	3.1 ^⑤ / 3.7 ^⑤	-	91	99	4.8 / 3.6
CHAINSAWS FOR FORESTRY WORK											
MSA 300 C-O	MA02 200 0024 MA02 200 0027 MA02 200 0029	40 45 50	-	2.56 ^⑤ / -	3.0	36	4.5 ^⑤ / 5.4 ^⑤	-	93	104	2.6 / 2.8
MSA 300 C-O WITH SC 2A	MA02 200 0062	40	-	2.56 ^⑤ / -	3.0	36	4.5 ^⑤ / 5.4 ^⑤	-	93	104	2.6 / 2.8
ARBORIST SAWS											
MSA 161 T	1252 200 0044	30	-	1.06 ^⑤ / -	1.25	36	2.1 ^⑤ / 2.5 ^⑤	-	83	94	2.1 / 2.2
MSA 220 T	MA01 200 0044 MA01 200 0045	30 35	-	1.76 ^⑤ / -	2.1	36	2.7 ^⑤ / 3.3 ^⑤	-	94	104	3.4 / 3.0
MSA 220 TC-O NEW	MA01 200 0046 MA01 200 0047	30 35	-	1.76 ^⑤ / -	1.7	36	2.7 ^⑤ / 3.3 ^⑤	-	94	104	3.4 / 3.0

	Order number	Displacement (cm³)	Power output (kW / hp)	Rated voltage (V)	Power consumption (kW)	Weight (kg)	Sound pressure level ^② (dB(A))	Sound power level ^③ (dB(A))	Vibration level left/right ^④ (m/s²)	Total length without cutting tool (cm)	Cutting circle diameter (mm)
BATTERY-POWERED BRUSHCUTTERS											
FSA 90 R !	4863 200 0090	-	-	36	1.0	4.9	81	94	3.2 / 1.9	178	380
FSA 90 !	4863 200 0089	-	-	36	1.0	-	81	94	3.2 / 1.9	178	380
FSA 86 R	FA05 011 5700	-	-	36	0.65	3.2 ^⑤	77	91	3.7 / 2.0	173	350
FSA 135 R	FA01 200 0003	-	-	36	1.0	4.3 ^⑤	80	92	3.7 / 1.8	183	420
FSA 135	FA01 200 0000	-	-	36	1.0	4.9 ^⑤	81	94	2.1 / 1.8	183	260

- Fitted as standard
- Retrofittable (accessory)
- ! Only while stocks last!

B = STIHL quick chain tensioning
C = Comfort version
R = Loop handle
O = Oil sensor
T = Top handle

- ① The actual bar length is shorter than the stated bar length.
② Mechanical output as a comparative value for petrol-driven chainsaws
③ K-factor in accordance with Directive 2006/42/EC = 2.0 dB(A)
④ K factor in accordance with Directive 2006/42/EC = 2 m/s²
⑤ Weight excluding battery, including cutting tool and guard

Saw chain pitch	STIHL Oilomatic saw chain type ^①	Lightweight guide bar	Controlled-delivery oil pump	Side-mounted chain tensioning	STIHL quick chain tensioning	Tool-free fuel cap	Overload protection	Softgrip handle	STIHL Smart Connector 2 A
1/4" P	PM3	-	-	-	●	●	●	●	-
1/4" P	PM3	-	-	-	●	●	●	●	-
3/8" P	PS3 Pro	-	-	-	●	●	●	●	-
.325"	RS Pro	-	●	●	-	●	●	●	○
.325"	RS Pro	-	●	●	-	●	●	●	○
1/4" P	PM3	-	-	●	-	●	●	●	-
3/8" P	PS3 Pro	●	●	●	-	●	●	-	-
3/8" P	PS3 Pro	●	●	●	-	●	●	-	-

Standard cutting tool	Tank volume (l)	Driveshaft in shaft	STIHL anti-vibration system	STIHL Smart Connector 2 A	Loop handle / ergonomic bike handle (mowing handlebar)	Tool-free handle adjustment	Mowing / shredding / sawing work
C 26-2 AutoCut mowing head	-	solid	-	-	●/-/-	●	●/-/-
C 26-2 AutoCut mowing head	-	solid	-	-	-/●/-	●	●/-/-
AutoCut C 6-2 mowing head	-	-	-	-	●/-/-	-	●/-/-
AutoCut C 26-2 mowing head	-	rigid	-	○	●/-/-	-	●/-/-
AutoCut C 26-2 mowing head	-	rigid	-	○	-/●/-	●	●/-/●

- ① Weight excluding battery, cutting tool and guard
 ② Weight excluding battery, including blade and guard
 ③ Weight excluding battery, guide bar and saw chain
 ④ Weight excluding battery, including guide bar and saw chain



	Order number	Rated voltage (V)	Weight (kg)	Blowing force ^① (N)	Max. air speed (m/s) with round nozzle / flat nozzle	Air throughput (m³/h) with round nozzle / flat nozzle	Sound pressure level ^② (dB(A))	Sound power level ^③ (dB(A))	Vibration level right ^④ (m/s²)	Round nozzle / flat nozzle	Chest strap / hip belt	STIHL Smart Connector 2 A
BATTERY-POWERED BLOWERS												
BGA 86	BA02 011 5900	36	2.8 ^⑤	15	69 / 76	780 / 710	79	90	0.5	● / ○	- / -	-
BGA 100	4866 011 5900	36	2.5 ^⑤	17 ^⑤	75 ^⑤ / 81	840 ^⑤ / 760	80	90	0.9	● / ○	- / -	-
BGA 200	BA01 200 0000	36	3.2 ^⑤	21 ^⑤	84 ^⑤ / -	940 ^⑤ / -	80	91	0.7	● / -	- / -	-
BGA 300	BA03 011 5900	36	7.4 ^⑤	26 ^⑤	86 ^⑤ / -	970 ^⑤ / -	84	94	0.2	● / ○	○ / ●	○

	Order number	Rated voltage (V)	Weight (kg)	Sound pressure level ^② (dB(A))	Sound power level ^③ (dB(A))	Vibration level left/ right ^④ (m/s²)	Total length (cm)	Cutting wheel (mm)	Max. cutting depth (mm)	Water connection	Magnesium guard
BATTERY-POWERED CUT-OFF MACHINE^⑤											
TSA 230	4864 011 6600	36	3.9 ^④	103	114	3.5 / 3.5	55.0	230	70	●	●

	Order number	Rated voltage (V)	Container capacity (l)	Weight (kg)	Sound pressure level ^③ (dB(A))	Sound power level ^④ (dB(A))	Vibration level, right ^⑤ (m/s²)	STIHL battery system	Pressure gauge
BATTERY-POWERED SPRAYER									
SGA 85	4854 011 6100	36	17.0	6.2 ^⑦	66.0	77.0	0.9	AP-System	●

- Fitted as standard
- Retrofittable (accessory)

- ① Force in Newtons (N) for comparing the performance of blowers
- ② K-factor in accordance with Directive 2006 / 42 / EC = 2.0 dB(A)
- ③ K factor in accordance with Directive 2006 / 42 / EC = 2 m/s²
- ④ Weight excluding battery and cutting wheel

- ⑤ Delivery includes composite resin cutting wheel for structural steel and stainless steel
- ⑥ Weight excluding battery
- ⑦ Weight excluding battery and content

SEAMLESS CHARGING TECHNOLOGY

	AL 101	AL 301	AL 500/501	AL 301-4
				
CHARGERS FOR INTEGRATION INTO CHARGING INFRASTRUCTURE				
MAX. CHARGING CURRENT	1.6 A	6.5 A	12 A	6.5 A
MOISTURE PROTECTION CLASS	-	-	-	Moisture-resistant
OPERATIONAL TEMPERATURE RANGE	+5 to +40°C			
VEHICLE INTEGRATION	-	-	-	Can be integrated and operated
BATTERY PACK COOLING	-	-	Yes	-
BATTERY FIXING	Not locking	Not locking	Not locking	2 locking levers per battery
MOUNTING	2x keyholes	2x keyholes	2x keyholes	4x metal ring fasteners, automotive standard
CONNECTOR PLUG	AU plug - Type I	AU plug - Type I	AU plug - Type I	AU plug - Type I
WEIGHT	0.7 kg	1.2 kg	1.3 kg	4.4 kg
RECOMMENDED FOR PROFESSIONAL CUSTOMERS	Gentle overnight recharging of AP batteries	Overnight recharging of AR batteries; daytime recharging AP batteries in the workshop	Fast recharging of AP batteries during lunch breaks Daytime recharging of AR batteries in the workshop	Recharging of AP batteries on a vehicle; Slow overnight recharging

CONNECTED DATA FOR EACH BATTERY MODEL

		AP 300 S	AP 500 S	AR 2000 L	AR 3000 L
					
DATA AVAILABLE					
ANALYSIS					
ENERGY CONSUMPTION	Indicates how much energy the battery has already consumed	✓	✗	✗	✗
RUNNING TIME PER DAY	Indicates how many hours a battery has been operational for on a specific day.	✓	⊙ ^①	⊙ ^①	⊙ ^①
LOCATION AND IDENTIFICATION					
LAST KNOWN GEOLOCATION	See where data from your batteries was last received and synchronised.	✓	✓	✓	✓
NEARBY FUNCTION	The Nearby function shows all batteries within Bluetooth® range within the STIHL connected App.	✓	✓	✓	✓
LED IDENTIFICATION	The LED display of the battery can be activated via STIHL connected so it flashes to identify the battery.	✓	✗	✗	✗
CUSTOMISATION					
TEAM ALLOCATION	Batteries can be allocated to specific work teams.	✓	✓	✓	✓
BATTERY STATUS DATA					
CHARGING CYCLES	Shows how often a battery has already been charged.	✓	✗	✗	✗
CHARGE STATUS	Shows the remaining charge level of a battery.	✓	✓	✓	✓
BATTERY CONDITION	Displays the current battery performance compared to new battery performance.	✓	✗	✗	✗
BATTERY ACTIVITY STATUS	Indicates if the battery is charging, in use or in standby.	✓	✗	✗	✗
TEMPERATURE MONITORING	Indicates if the battery is too hot/cold to (dis)charge.	✓	✗	✗	✗

① Requires synchronisation in the morning and evening in each case via the STIHL connected App.

⊙ In Boost



AN EXTREME SPORT WITH HISTORY

WHERE TRADITION MEETS TOP PERFORMANCE: STIHL TIMBERSPORTS®, THE CAPTIVATING ANNUAL HIGHLIGHT OF SPORTS LUMBERJACKING

STIHL TIMBERSPORTS® is an international series of sport contests in competitive lumberjacking. It is considered to be an elite class of the sport. The events attract top athletes, packed crowds, and huge media attention. STIHL launched it on the sports channel ESPN in the USA right back in 1985. In Europe, it will enter its 24th year with the 2024 competition series. It's a sport that truly must be seen to be believed, so make sure you tune in to 7mate or follow the TIMBERSPORTS® socials today!

The competitions consist of up to six disciplines. They require a high level of precision, power and endurance. Year after year, they develop into thrilling events, full of adrenaline and emotion.

TUNE INTO THE LATEST TIMBERSPORTS® ACTION

Stay up to date with all the latest news on the TIMBERSPORTS® social channels

WATCH ON 



@STIHLTIMBERSPORTSAU

FACTS AND FIGURES

150 YEARS

– that's how long the tradition of sports lumberjacking dates back. As early as the 1870s, woodworkers in Australia began competing against each other in their spare time, with an axe and saw.

240 KM/H

is the chain speed of the special racing chainsaws used in the "Hot Saw" discipline. They have an output of up to 80 hp.

OVER 20 COUNTRIES

are active in the TIMBERSPORTS® series. In the 2023 season, almost 100 competitions took place around the world.

1,500,000 FANS

follow TIMBERSPORTS® on social media.

TIMBERSPORTS® MERCHANDISE

In order to offer fans more than just sport, TIMBERSPORTS® can now also be found in other places – for example the STIHL product range: hoodies, T-shirts and special designs, e.g. ear protection or the special bar, are among the best-sellers here.



Scan the QR code and learn more about this topic!





STRENGTH IN CLOTHING

THAT'S EXACTLY WHAT THE STIHL BRAND SHOP OFFERS: OUTFITS FOR EVERY OCCASION

Robust, uncomplicated and high-quality. In the STIHL Brand Shop, you'll find products made for outdoor adventures and indoor comfort alike – from hoodies made from 100 percent cotton to shirts made from lyocell wood-fibre fabric.

Tip: The clothes make ideal incentive gifts for your business.

KEY

BATTERY MODELS

STIHL power tools which feature innovative battery technology are indicated by a battery symbol. By means of the added battery-type designation, this symbol illustrates which of the various battery lines each product belongs to. All batteries contain only selected lithium cells which meet high safety standards. They can be fully recharged up to 1,200 times with only a slight loss of capacity.

The exact designation is based on the battery type and area of application as well as the battery build type and performance.



AP-System power tools are compatible with AP and AR batteries. These batteries feature extended power output and battery life. This makes them particularly useful for professional applications.

AP 100

BATTERY RECOMMENDATIONS

STIHL recommends a specific battery for each product so that you can always be best equipped for your work. In making recommendations, we take into account the ideal combination of maximum power-to-performance ratio, sufficient battery life, lowest possible weight and balanced weight distribution.

QUICK-CHARGING BATTERY SYSTEM

The innovative charging process used in our quick chargers shortens the total charging time needed by up to 30% compared with a traditional charger that uses the same charging current. The process also guarantees gentle charging without overloading the battery.

POWER TOOLS READY FOR STIHL CONNECTED



All power tools marked with a  have a designated mounting point for the STIHL Smart Connector 2 A in the power tool housing, and this mark signals batteries that are compatible with STIHL connected.

ACTIVATION KEY



The battery-powered lawn mowers can only be started up with the safety fuse inserted. Removing the key shuts off the power supply to the power tool. This allows tools to be safely cleaned, stored and transported.

STIHL EC TECHNOLOGY



The brushless electric engine (EC) from STIHL is energy-efficient and almost wear-free thanks to features including the upstream STIHL EC electronics.

Acting as an intelligent switching centre, it detects the battery plugged into the power tool at any point in time, and supplies the EC engine with the right power output for the battery. This ensures that the tool always has the optimum power output available - and does so consistently throughout the battery discharge process.

USE IN THE RAIN



Battery-driven power tools in the STIHL AP-System have been designed for professional daily use, including in very adverse weather conditions. STIHL battery tools with this symbol can also be used in the rain. The information panels on the tool and in the user manual must also be taken into account. Please note that rain, mist and other moisture can differ in intensity and that the tools cannot be used in extreme conditions. Keep the batteries out of salty environments and away from contaminated liquids. Dry the battery and tool after use. In general, chargers should only be used in dry areas.



STIHL battery power tools with this symbol are also additionally certified to protection class IPX4. This standard confirms that the products are resistant to water splashing from any direction, as already certified by internal testing.

USE WITHOUT EAR PROTECTION



Battery technology makes these tools ideal for noise-sensitive areas such as hospital gardens, parks and residential areas. Take note of the information provided in the user manual.

A photograph of a modern, multi-story building with a light-colored facade and large windows. In the foreground, there is a pile of fallen autumn leaves in shades of yellow and orange. The building has a series of vertical columns supporting a balcony or overhang. The overall scene is in a soft, slightly blurred focus.

ALWAYS READY FOR YOU ONLINE AND IN PERSON

Battery power. By STIHL. Available in our website and from a qualified dealer near you. In our website you'll find our extensive product range as well as valuable practical tips and information about caring for your power tools. As usual, your STIHL dealer will also be happy to help you with any questions you may have about our products. They can also give you valuable practical and care tips, individual instruction and optimum servicing for your work equipment. So you're ready for any challenge.

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