

Real Bosch!

“Always power ready”



Wireless Charging System 2015/2016
Blue power tools: For trade and industry.



BOSCH
Invented for life

WORLD'S FIRST!

Always power ready thanks to induction!

The Wireless Charging System from Bosch

- ▶ Simply place the cordless tool on the charger and the battery will charge:
Your tool is always ready to use with only one battery
- ▶ You save time and the extra cost of a second battery
- ▶ Long life: Short charging sessions do not strain the battery (Care Charging)



Compatible

with all 18 V tools



Up to 100% longer lifetime

thanks to Bosch CoolPack technology



Long lifetime thanks to Care Charging

Electronics ensure communication between charger and battery to ensure that the battery is always charged perfectly in each temperature range

Robust

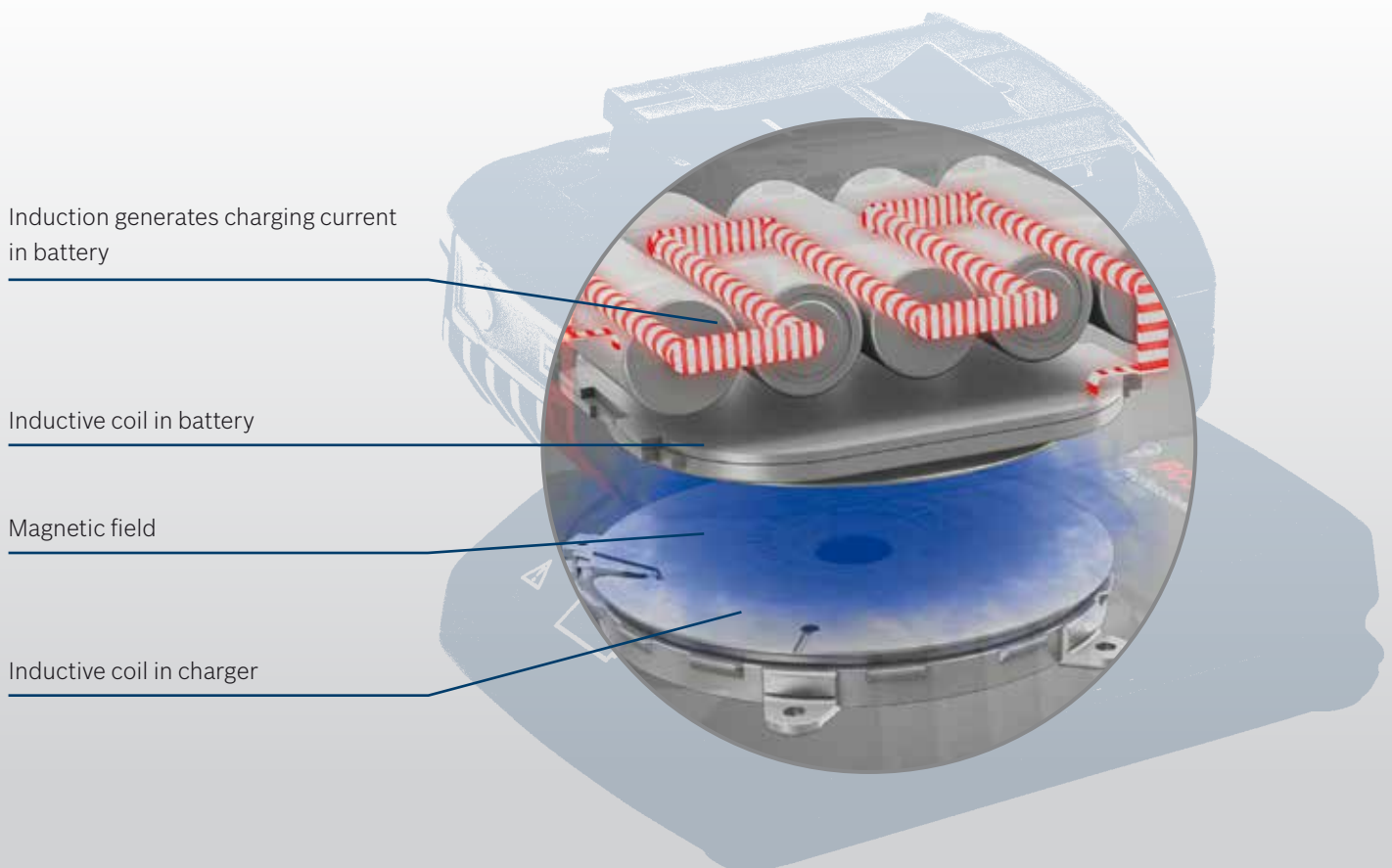
due to closed design
(no open electrical contact points)

Top charging performance:
Wireless Charging System
from Bosch

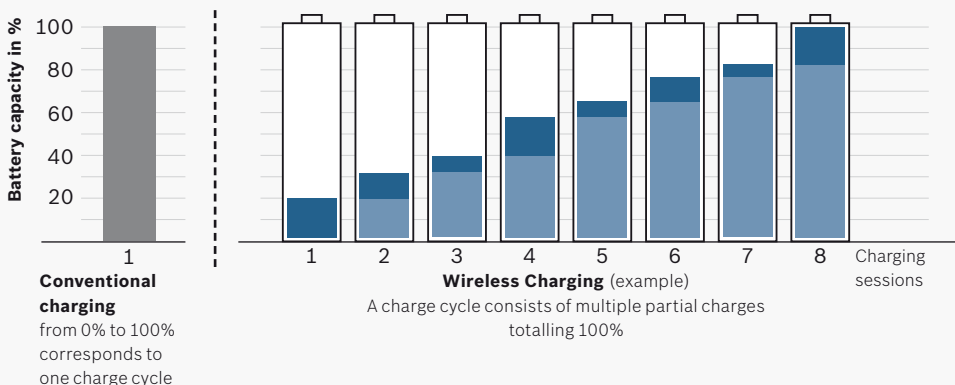


How it works

The technology is based on contactless energy transfer by means of induction. A magnetic alternating field is generated and emitted using a coil in the charger. The battery contains another coil which is penetrated by the magnetic alternating field. This induces a voltage and generates a current flow which is transformed into charging current.



Care Charging protects the battery



The lifetime of the battery is measured in charge cycles. Completely charging from 0% to 100% represents one charge cycle. The shorter charging sessions typically performed in Wireless Charging are only partial charges which correspond to one charge cycle when totalling 100%. **Batteries with Wireless Charging technology therefore have the same lifetime as conventional batteries.**

Care Charging ensures that short charging sessions do not damage the battery because the charger checks the charging state of the battery first and then selects the optimum charging mode. If the battery requires minor charging, it will be gently charged only with low current. If the battery has more than 85% capacity remaining, the charger will remain in standby mode to protect the battery.

The Wireless Charging System at a glance

In the workshop



The charger and mounting frame ensure that all 18 V cordless tools are always ready to use for our stationary users.

► More about this on page 6

On the move

Now you can also charge when you're on the move with the Wireless Charging L-BOXX Bay: Simply insert, drive and charge.

► More about this on page 8



Especially for your cordless screwdrivers: The Wireless Charging Car Holster. Grab the tool and start working straight from your car.

► More about this on page 10

You benefit in two ways at once with the Wireless Charging System from Bosch: Your cordless tool is always ready to use, both in the workshop and when you're on the move. We make charging effortless.



Wireless Charging integrates charging into the work process.



Robust and safe during transport – the Wireless Charging L-BOXX Bay withstands any challenge.



The Wireless Charging Car Holster enables cordless screwdrivers to be safely stored and simultaneously charged in a car.

Wireless Charging System for the workshop

Charger and mounting frame for stationary use

Wireless Charging

Always power ready

- ▶ Maximum productivity: Power tool is always ready to use
- ▶ Convenient: Charging is integrated into the work process
- ▶ Robust: No contacts – durable against water, dust and dirt



“I don’t have time for charging. Wireless Charging is perfect for me.”

Thomas Baumeister, electrician



System components

Wireless Charging not only saves time and money, it also adapts to your needs. The two different battery capacities and the flexible mounting frame ensure that you are perfectly equipped and always ready to work.



GBA 18 V 2,0 Ah MW-B GBA 18 V 4,0 Ah MW-C

- ▶ Lightweight and compact – low user fatigue with the 2.0 Ah Wireless Charging battery
- ▶ Double the runtime thanks to 4.0 Ah
- ▶ 100% compatible with conventional chargers and all Bosch 18 V lithium-ion cordless tools (except for GKS 18 V-LI, GML 20/50)

Charger GAL 1830 W Professional

- ▶ The smallest 18 V charger on the market
- ▶ Durable against water, dust and dirt thanks to contactless charging

Mounting frame

- ▶ For practical and safe storage of cordless tools
- ▶ Compatible with many 18 V tools
- ▶ Flexible mounting at the workplace provides an ergonomic way to put the tool down and charge it between jobs



Wireless Charging System for when you're on the move

L-BOXX Bay for mobile use

Wireless Charging L-BOXX Bay Professional

Always power ready – Charge while driving

- ▶ Power tool and second battery are ready to use when you arrive at the jobsite
- ▶ Maximum productivity: Carefree charging while you drive
- ▶ Robust design without contact points because the charge goes through the L-BOXX



How it works

The new Wireless Charging L-BOXX Bay with integrated charger makes it possible to charge the battery through the L-BOXX. Flexibility is a priority for us, which is why the Bay is compatible with every conventional L-BOXX 136. All you need is a special inlay to use contactless charging. Simply insert, drive and charge.



1 Mount

The Wireless Charging L-BOXX Bay can be mounted vertically on the vehicle wall and integrated horizontally into the Sortimo shelf



2 Connect

Conveniently connect it to the socket or with the help of the inverter to the cigarette lighter in the vehicle



3 Charge

"Click and Lock" – Just click the L-BOXX into the Bay and the battery will charge while you drive



Wireless Charging inlay 1.600.A00.D6M

One inlay – many possibilities

100% compatible with the following power tools with 2.0 Ah and 4.0 Ah Wireless Charging battery:



You will find up-to-date information on other Wireless Charging inlays at www.bosch-wireless-charging.com

Wireless Charging System for when you're on the move

Car Holster – Always ready to hand

Wireless Charging Car Holster Professional

Always power ready – Charge while driving

- ▶ The power tools are already charged when you arrive at the jobsite
- ▶ 18 V cordless screwdrivers can be stored easily and safely in a vehicle
- ▶ Grab the tool and start working straight from your car



Mount

The Wireless Charging Car Holster enables you to not only store your cordless screwdrivers safely, but also save time by charging them while you drive.



1 Mount

Thanks to its flexible mounting system, the Holster can be mounted to all vertical and horizontal surfaces in the vehicle

2 Connect

Slide the GAL 1830 W-DC car charger into the Holster and adjust the height according to the battery size (2.0 Ah or 4.0 Ah). The 2 m long cable enables it to be conveniently connected to the cigarette lighter

3 Charge

Charge cordless screwdrivers conveniently while you drive and during breaks

One holster – many possibilities

These screwdrivers are always ready to hand with the Car Holster (with 2.0 Ah and 4.0 Ah Wireless Charging battery).



Your opinion matters to us

Share your experience of the Bosch Wireless Charging System on our Facebook page:

www.facebook.com/bosch.profi.elektrowerkzeuge

#BoschWLC

Or chat with other experts in our bob forum:

<https://www.bosch-professional.com/de/de/community/>

The German National Plastering Team using the Bosch Wireless Charging System at BAU 2015:

“Precise tools, always ready to use, simply brilliant!”

Bosch Wireless Charging System tested in practice by Ducati in 2015 world championship race:

“We’re under extreme time pressure during the race. The Wireless Charging System from Bosch masters these challenges perfectly.”



Overview

Bosch Wireless Charging System

In the workshop



GBA 18 V	2,0 Ah MW-B	4,0 Ah MW-C
Part no.	1 600 A00 3NC	1 600 A00 C42
Battery capacity	2.0 Ah	4.0 Ah
Battery voltage	18 V	18 V
Cell type	Li-Ion	Li-Ion
Weight	500 g	800 g
Size (L × W × H)	115 × 82 × 51 mm	115 × 82 × 71 mm



GAL 1830 W charger + mounting frame	
Part no.	1 600 A00 42V
Battery charging voltage	18 V
Charging current	3.0 A
Charging time with battery capacity of 2.0 Ah (80%/100%)	max. 35/45 mins
Charging time with battery capacity of 4.0 Ah (80%/100%)	max. 65/85 mins
Weight	600 g
Size (L × W × H)	165 × 115 × 35 mm



GBA 18 V 2,0 Ah starter set	
Part no. 1x battery	1 600 A00 3NA
Part no. 2x batteries	1 600 A00 86G



GBA 18 V 4,0 Ah starter set	
Part no. 1x battery	1 600 A00 C43
Part no. 2x batteries	1 600 A00 C46

On the move



Wireless Charging L-BOXX Bay	230 V-AC	with inverter
Part no.	1 600 A00 DN0	1 600 A00 DN2
Battery charging voltage	18 V	18 V
Charging current	2x 3.0 A	2x 3.0 A
Battery compartments	2	2
Charging technology	wireless	wireless
Weight	3 kg	3 kg
Size (L × W × H)	450 × 400 × 150 mm	450 × 400 × 150 mm



Wireless Charging L-BOXX inlay	
Part no.	1 600 A00 D6M



GAL 1830 W-DC car charger + mounting frame	
Part no.	1 600 A00 C47
Battery charging voltage	18 V
Plug	12 V
Cable length	2 m



Wireless Charging Car Holster	
Part no.	1 600 A00 9CN
Battery charging voltage	18 V
Weight	1.2 kg
Size (L × W × H)	230 × 150 × 370 mm

GAL 1830 W-DC starter set + holster	
Part no. 2.0 Ah	1 600 A00 C4B
Part no. 4.0 Ah	1 600 A00 C4C



GAL 1830 W-DC starter set + mounting frame	
Part no. 2.0 Ah	1 600 A00 C48
Part no. 4.0 Ah	1 600 A00 C49

A top system – with a large selection

All tools at a glance



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Invented for life

* Calls to 03 numbers cost the same as 01/02 prefix calls and are included in inclusive minutes and discount schemes in the same way.

www.bosch-professional.co.uk