Real Bosch!
“Always power ready”

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

Battery capacity in %

<table>
<thead>
<tr>
<th>Battery capacity in %</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conventional charging</td>
<td>100</td>
<td>80</td>
<td>60</td>
<td>40</td>
<td>20</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Wireless Charging (example)</td>
<td>100</td>
<td>80</td>
<td>60</td>
<td>40</td>
<td>20</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

A charge cycle consists of multiple partial charges totalling 100%
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.

- 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)

GBA 18 V 2.0 Ah MW-B
GBA 18 V 4.0 Ah MW-C

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

One inlay – many possibilities
100% compatible with the following power tools with 2.0 Ah and 4.0 Ah Wireless Charging battery:

GSR 18 V-EC
GSR 18 V-LI
GSR 18-2-LI
GSR 18-2-LI Plus
GDS 18 V-EC 250
GDS 18 V-LI
GDS 18 V-LI
GDS 18 V-LI
GDX 18 V-EC
GDX 18 V-LI
GDX 18 V-LI
GSR 18 V-EC FC2

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**: Part no. 1 600 A00 3NC
- **4.0 Ah MW-C**: Part no. 1 600 A00 C42

<table>
<thead>
<tr>
<th>Feature</th>
<th>2.0 Ah MW-B</th>
<th>4.0 Ah MW-C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery capacity</td>
<td>2.0 Ah</td>
<td>4.0 Ah</td>
</tr>
<tr>
<td>Battery voltage</td>
<td>18 V</td>
<td>18 V</td>
</tr>
<tr>
<td>Cell type</td>
<td>Li-Ion</td>
<td>Li-Ion</td>
</tr>
<tr>
<td>Weight</td>
<td>500 g</td>
<td>800 g</td>
</tr>
<tr>
<td>Size (L × W × H)</td>
<td>115 × 82 × 51 mm</td>
<td>115 × 82 × 71 mm</td>
</tr>
</tbody>
</table>

### GAL 1830 W charger + mounting frame
- Part no. 1 600 A00 42V

<table>
<thead>
<tr>
<th>Feature</th>
<th>18 V 2.0 Ah MW-B</th>
<th>18 V 4.0 Ah MW-C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery charging voltage</td>
<td>18 V</td>
<td>18 V</td>
</tr>
<tr>
<td>Charging current</td>
<td>3.0 A</td>
<td>3.0 A</td>
</tr>
<tr>
<td>Charging time with battery capacity of 2.0 Ah (80%/100%)</td>
<td>max. 35/45 mins</td>
<td>max. 65/85 mins</td>
</tr>
<tr>
<td>Weight</td>
<td>600 g</td>
<td>600 g</td>
</tr>
<tr>
<td>Size (L × W × H)</td>
<td>165 × 115 × 35 mm</td>
<td>165 × 115 × 35 mm</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Feature</th>
<th>230 V-AC</th>
<th>with inverter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery charging voltage</td>
<td>18 V</td>
<td>18 V</td>
</tr>
<tr>
<td>Charging current</td>
<td>2x 3.0 A</td>
<td>2x 3.0 A</td>
</tr>
<tr>
<td>Battery compartments</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Charging technology</td>
<td>wireless</td>
<td>wireless</td>
</tr>
<tr>
<td>Weight</td>
<td>3 kg</td>
<td>3 kg</td>
</tr>
<tr>
<td>Size (L × W × H)</td>
<td>450 × 400 × 150 mm</td>
<td>450 × 400 × 150 mm</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Feature</th>
<th>18 V 2.0 Ah MW-B</th>
<th>18 V 4.0 Ah MW-C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery charging voltage</td>
<td>18 V</td>
<td>18 V</td>
</tr>
<tr>
<td>Plug</td>
<td>12 V</td>
<td>12 V</td>
</tr>
<tr>
<td>Cable length</td>
<td>2 m</td>
<td>2 m</td>
</tr>
</tbody>
</table>

### Wireless Charging Car Holster
- Part no. 1 600 A00 9CN

<table>
<thead>
<tr>
<th>Feature</th>
<th>18 V 2.0 Ah MW-B</th>
<th>18 V 4.0 Ah MW-C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery charging voltage</td>
<td>18 V</td>
<td>18 V</td>
</tr>
<tr>
<td>Weight</td>
<td>1.2 kg</td>
<td>1.2 kg</td>
</tr>
<tr>
<td>Size (L × W × H)</td>
<td>230 × 150 × 370 mm</td>
<td>230 × 150 × 370 mm</td>
</tr>
</tbody>
</table>

### 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 C4G
- Part no. 4.0 Ah 1 600 A00 C49