



**Einhell**

**POWER X-CHANGE**

# CHARGING SYSTEMS AND CAR ACCESSORIES 2021/2022



[einhell.de](https://www.einhell.de)

>>>

# SALES SUPPORT.

## POS | PERMANENT SECONDARY DISPLAYS



■ **Display Starting/Charging Systems**  
60 x 40 cm

(Art. No. 710300 + 710016)



■ **Display Car Accessories Power X-Change**  
60 x 40 cm

(Art. No. 710300 + 710017)



■ **Display Car Accessories Mix 1**  
60 x 40 cm

(Art. No. 710300 + 710017)

### THE EINHELL GUARANTEE PROMISE.

We develop our products so that you can make everything possible. Our priority here is functionality, safety and quality. That is our promise and this is backed up by our guarantees too.

- **30 Day Money-Back Guarantee**  
For 100% satisfaction with your Power X-Change device.
- **Power X-Change Battery Warranty**  
Warranty extension for Power X-Change batteries to 2 years.
- **Einhell 2+1 Product Warranty**  
Warranty extension for all Einhell products to a total of 3 years.



### THIS IS HOW:

Find out more at [einhell.de](http://einhell.de), register in your customer account and apply for the warranty. Further information is available at [www.einhell.de/warranties](http://www.einhell.de/warranties)

[einhell.de](http://einhell.de)  
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**JUMP START – POWERBANKS**  
see pages 8 - 9

**IMPACT WRENCHES / DRIVERS  
CAR HAMMER SCREWDRIVER**  
see pages 14 - 15

**TROLLEY JACK**  
see page 15

**POLISHING MACHINES**  
see pages 16 - 18

**BATTERY CHARGERS**  
see pages 10 - 12

**COMPRESSORS**  
see pages 19 - 21

**BOOSTER CABLES**  
see page 13

**CORDLESS VACUUM CLEANERS**  
see pages 22 - 23



## POWER X-CHANGE

Power X-Change | The Most Competent Battery System 4



## STARTING / CHARGING SYSTEMS

Jump Start – Power Banks	8	Analog Battery Chargers	12
Microprocessor-Controlled Battery Chargers	10	Booster Cables	13



## CAR ACCESSORIES

Cordless Impact Wrenches	14	Car Air Compressors	20
Cordless Impact Drivers	14	Cordless Air Pump	20
Car Hammer Screwdriver	15	Cordless Compressor	21
Trolley Jack	15	6-in-1 Cordless Hybrid Compressor	21
Cordless Car Polishing Machine	16	Cordless Compressor	21
Car Polishing Machine	16	Cordless Wet and Dry Vacuum Cleaners	22
Cordless Polishing/Sanding Machine	17	Cordless Handheld Vacuum Cleaners	23
Polishing and Sanding Machines	18	Power X-Change   Accessories	24
Cordless Car Air Compressor	19		



**CORDLESS FREEDOM FOR TOOL AND GARDEN.**

**At last – no more too short or severed cables.**

When you have no longer to worry about extension cables that are too short or sufficient sockets. When the device comes to the project instead of the other way round. When you simply insert the battery and are ready to go, whether it is a lawn mower, garden pump, rotary hammer or wet and dry vacuum cleaner. Than that is the feeling of cordless freedom.



**LATEST TECHNOLOGY. PROVEN QUALITY.**

**So you can enjoy using your machine for a very long time.**

The Power X-Change batteries are the centerpiece of the platform. That is why we use only the best components such as high-performance Li-Ion cells and our intelligent ABS battery electronics in the batteries. This makes our PXC battery one of the safest in the industry and ensures efficiency, reliability and durability. Stiftung Warentest (11/2020 issue) confirmed its quality in a comparison test with eight batteries from eight different battery platforms. The 2.0 Ah battery from the Power X-Change battery system from Einhell beat off stiff competition to emerge as test winner.



**POWERFUL MACHINES. LONG-LASTING BATTERIES.**

**No matter how large your project – Power X-Change won't let you down.**

Less power? No way! As a battery system for real enablers, our cordless machines offer up to 2700 Watt of battery power and 6 Ah of capacity, making them easily a match for corded machines! Whether you just want to hang a shelf or drill through a solid concrete wall, with Power X-Change you are equipped to meet any challenge with power and endurance.



**1 BATTERY. 1000 POSSIBILITIES. FOR DIY ENTHUSIASTS AND HOBBY GARDENERS.**

**Just as versatile as you: Battery power for every situation.**

Power X-Change is the first rechargeable battery system that provides hobby gardeners and DIY enthusiasts alike with an unrivaled selection of cordless tools. The PXC family already contains over 200 devices – and the number is constantly rising. Thanks to the versatile Power X-Change system, for instance, the electric kick scooter from GOVECS is "powered by Power X-Change".



**ACTIVE BATTERY MANAGEMENT SYSTEM.  
INTELLIGENT ELECTRONIC CONTROL SYSTEM.**

The computer-assisted Active Battery Management System permanently monitors and controls all the safety-related processes of the electrical components and associated hardware. This results in a whole range of advantages:

- MAXIMISED RUNNING TIMES
- OPTIMISED TOOL POWER
- LONGER BATTERY SERVICE LIFE
- INCREASED SAFETY



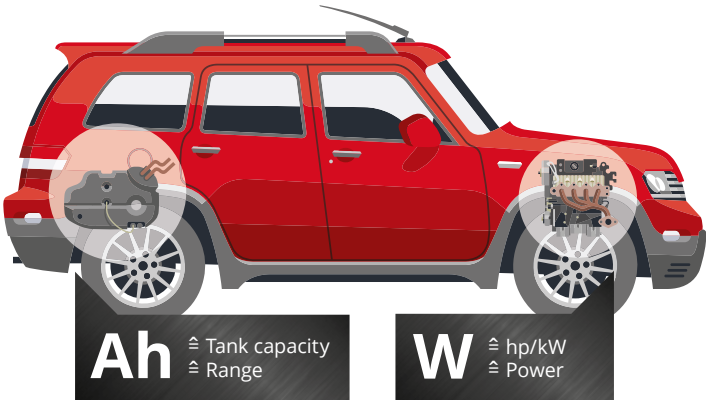
**TWIN-PACK® TECHNOLOGY.  
18 V + 18 V = 36 V.**

If a device needs more power than provided by a single 18 V rechargeable battery, we simply add a second battery so we generate 18 V + 18 V = 36 V. We call that Twin-Pack® Technology. If the voltage (V) gets doubled, the power (W) gets doubled, too. Double Twin-Pack Technology in turn makes it possible to work for even longer still without the nuisance of recharging. In this case, four rechargeable batteries are used. When the power of the first two batteries finally runs out, the system automatically switches over to the two additional batteries.



**POWER X-CHANGE PLUS.  
THE PLUS IN POWER.**

Rechargeable batteries vary not just in terms of running time and weight. What is also critically important is the power that they provide. Power X-Change PLUS Technology makes more power available from the same number of cells, so that you can work with plenty of power even on challenging applications as well. If, for example, you want to use your angle grinder for cutting work, the running time (see Ah rating) is generally not critical. Sufficient power, on the other hand, is. A car is a useful comparison. Uphill or when overtaking, more power, in other words more hp respectively kW, is needed.



**BRUSHLESS ENERGY – MORE EFFICIENT WORK.**

Various Power X-Change devices are equipped with brushless motors. They offer significant advantages compared to carbon brush motors:

- MORE POWER
- LONGER RUNNING TIMES
- LONGER SERVICE LIFE
- MORE COMPACT DESIGN
- MAINTENANCE-FREE



- 25%** more power\*
- 50%** more operating time\*
- 100%** more service life\*

\* Approximate values in comparison to conventional carbon brush motors

# BATTERY EXPERTISE. CONVINCING. AGAIN AND AGAIN.



*"We are incredibly proud to have done so well in a race with the very top competitors and to have been able to demonstrate our battery expertise so clearly. We are battery test winners."*

Andreas Kroiß, CEO Einhell Germany AG



## WE ARE TEST WINNERS. BY STIFTUNG WARENTEST.



And the test winner is ... Einhell! In the comparison test performed by Stiftung Warentest (11/2020 issue) covering eight batteries from eight different battery platforms, the 2.0 Ah battery from Einhell's Power X-Change battery system beat off stiff competition. Our battery put in a convincing performance when it came to durability, handling and safety. Having already achieved top marks with Power X-Change machines in previous Stiftung

Warentest comparisons, we are all the more delighted that one of the batteries we have spent so much time developing and refining came out of the test on top. This confirms the decision we took years ago to bundle our expertise in the battery technology sector in order to continue expanding the leading role of our Power X-Change battery system.



# JUMP-START – POWER BANKS

**12 V / 300 A JUMP START**  
For dead/flat car batteries

Jump Start – Power Bank  
**CE-JS 18/1**

**USB OUTLET**  
Charge mobile phones, smart phones, tablet PCs, cameras, MP3 players, etc.

**LED WORK LIGHT**  
Continuous illumination, strobe light and SOS emergency signal

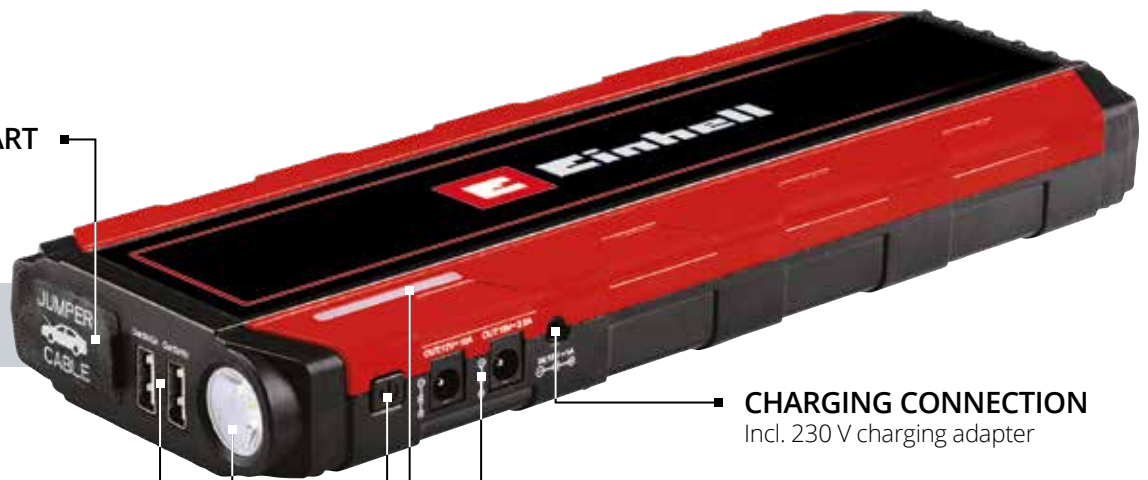
**JUMP START CABLES**  
With fully insulated terminal clamps and overload protection

**CHARGING CONNECTION**  
Incl. 230 V charging adapter

**12 V AND 19 V OUTPUT**  
For laptops, car compressors, ...

**LED CHARGE STATUS INDICATOR**

**ON SWITCH**



## WHAT IS A JUMP START – POWERBANK?

High-performance power reserves.  
2-in-1 handy helper in your vehicle: handy jump start and power bank in one.



## WHICH JUMP START – POWERBANK FOR WHICH VEHICLE?

	≤ 3000 cm <sup>3</sup> Benzin	●	●	●
	≤ 4000 cm <sup>3</sup> Benzin	●	●	●
	≤ 8000 cm <sup>3</sup> Benzin	●	●	●
	≤ 2000 cm <sup>3</sup> Diesel	●	●	●
	≤ 5000 cm <sup>3</sup> Diesel	●	●	●

● Suitable    ● Not suitable



## JUMP START – POWER BANKS



	<b>CE-JS 18/1</b> <b>CAR EXPERT</b>	<b>CE-JS 12/1</b> <b>CAR EXPERT</b>	<b>CE-JS 8/1</b> <b>CAR EXPERT</b>
Capacity	3 x 6000 mAh (66.6 Wh)	3 x 3700 mAh (41.1 Wh)	3 x 2500 mAh (27.75 Wh)
Start voltage	12 V	12 V	12 V
Start current / peak current	300 A / 600 A	200 A / 400 A	200 A / 400 A
USB outlet	5 V / 2 A und 3 A	5 V / 2 A und 3 A	5 V / 2 A und 3 A
Consumption outlet	12 V   10 A / 19 V   3.5 A	12 V   10 A / 19 V   3.5 A	-
For petrol engines up to	8000 cm <sup>3</sup>	4000 cm <sup>3</sup>	3000 cm <sup>3</sup>
For diesel engines up to	5000 cm <sup>3</sup>	2000 cm <sup>3</sup>	-
Charging time	6 h	5 h	-
Product weight	0.7 kg	0.5 kg	0.4 kg
Jump start function and power bank	•	•	•
Jump start cable	•	•	•
LED charge status indicator	•	•	•
LED work light	•	•	•
Charging function for cell phone / tablet PC / camera	•	•	•
Charging function for notebook / laptop	•	•	-
USB adapter cable (Micro/Mini USB)	•	•	•
Adapter cable with 9 notebook adapters	•	•	-
230 V charging adapter	•	•	-
USB charging cable	-	-	•
Storage case	•	•	•
Article number	10.915.31	10.915.21	10.915.11

• yes - no



## IMPRESSIVE FEATURES.

Virtually indispensable in the car: the power bank is a handy jump starter in case of battery breakdown, and you can also use it to charge your mobile phone, tablet PC and other devices.



### SMART CELL CONTROL

- Maximum performance thanks to lithium polymer rechargeable batteries
- Optimum output at all times
- Maximum battery life



### JUMP START

- For dead car batteries
- Jump starting without external help
- Practically always ready for action thanks to minimal self-discharge



### DOUBLE TEMPERATURE MONITORING

- Maximum user safety
- Perfect protection against damage



### LED WORK LIGHT

- Highly useful in emergencies:
- Steady-on to provide illumination
  - Strobe light or SOS emergency signal light in case of accident/breakdown



### POWER BANK

Power bank / mobile power supply for mobile phones, tablets, laptops, cameras, etc.



### NO RISK OF APPLICATION ERRORS

thanks to the reverse polarity protection

# INTELLIGENT CHARGERS.

## FULLY AUTOMATIC, USER-FRIENDLY AND GENTLE ON THE BATTERY.



ALL-PURPOSE CHARGERS



EASY TO USE



EXTENDED BATTERY LIFE



WINTER CHARGING MODE



SAFE TO USE



INCREASE AND MAINTAIN BATTERY CAPACITY



OPTIMAL STATE OF CHARGE AT ALL TIMES



RECONDITION MODE FOR CHARGING DEEPLY DISCHARGED BATTERIES



MULTI-STAGE CHARGING CYCLE FOR LOW-STRESS CHARGING OF THE BATTERIES



POWER SUPPLY MODE FOR A POWER SUPPLY WHILE CHANGING THE BATTERY

## THE RIGHT CHARGER FOR EVERY USE.

Charging time (hours)**	CE-BC 1 M	CE-BC 2 M	CE-BC 4 M	CE-BC 6 M	CE-BC 10 M	CE-BC 15 M	CE-BC 30 M	
Charging voltage	6 V / 12 V	12 V	12 V	12 V	12 V	12 V	12 V / 24 V	
	● 4 h	● 2 h	● -	● -	● -	● -	● -	4 Ah
	● 12 h	● 6 h	● 3 h	● -	● -	● -	● -	12 Ah
	● 18 h	● 9 h	● 5 h	● 3 h	● -	● -	● -	18 Ah
	● -	● -	● 11 h	● 8 h	● -	● -	● -	45 Ah
	● -	● -	● 18 h	● 12 h	● 7 h	● -	● -	70 Ah
	● -	● -	● -	● 17 h	● 10 h	● 7 h	● -	100 Ah
	● -	● -	● -	● -	● 12 h	● 8 h	● -	120 Ah
	● -	● -	● -	● -	● 15 h	● 10 h	● 5 h	145 Ah
	● -	● -	● -	● -	● 18 h	● 12 h	● 6 h	180 Ah
	● -	● -	● -	● -	● -	● -	● 13 h	200 Ah

● Very suitable    ● Suitable    ● Less suitable    ● Not suitable

### Info

Chargers with microprocessor control are suitable for gel, AGM, low-maintenance and maintenance-free leadacid batteries.

Select the charger that matches the size of your battery. The higher the charge current (A) provided by the charger, the faster the battery gets charged. A charger which provides a charging current equal to 1/10 of the battery capacity is ideal.  
60 Ah → 6 A.

\* Frequently installed battery sizes

\*\* Charging times are subject to variation. The times given assume that battery charging takes place at the maximum current output of the charger. The charging time also depends on the battery charge state.

## MICROPROCESSOR-CONTROLLED BATTERY CHARGERS



	<b>CE-BC 30 M</b> <b>CAR EXPERT</b>	<b>CE-BC 15 M</b> <b>CAR EXPERT</b>	<b>CE-BC 10 M</b> <b>CAR EXPERT</b>
Mains connection	230 V ~ 50 Hz	230 V ~ 50 Hz	220 - 240 V ~ 50 Hz
Charging voltage	12 V / 24 V	12 V	12 V
Suitable for batteries (min. / max. Ah)	3 - 600 Ah	3 - 300 Ah	3 - 200 Ah
Charging current max.	15 A (on 24 V) / 30 A (on 12 V)	15 A	10 A
Product weight	11.0 kg	7.0 kg	0.7 kg
Multi-step charging cycle, microprocessor-controlled	•	•	•
Suitable for gel batteries / AGM batteries / lead-acid batteries	•	•	•
Boost engine output (rms)	100 A - 5 sec	100 A - 5 sec	-
Winter charging mode	•	•	•
Totally insulated battery terminals	•	•	•
Electronic overcharging, short-circuit & swapped poles protection	•	•	•
Trickle charge function	•	•	•
Recondition + power supply mode	-	-	•
Dustproof / splashproof	IP 20	IP 20	IP 65
Integrated wall bracket / handle	•	•	•
Article number	10.022.75	10.022.65	10.022.45



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## MICROPROCESSOR-CONTROLLED BATTERY CHARGERS



	<b>CE-BC 6 M</b> <b>CAR EXPERT</b>	<b>CE-BC 4 M</b> <b>CAR EXPERT</b>	<b>CE-BC 2 M</b> <b>CAR EXPERT</b>	<b>CE-BC 1 M</b> <b>CAR EXPERT</b>
Mains connection	220 - 240 V ~ 50 Hz	220 - 240 V ~ 50 Hz	220 - 240 V ~ 50 Hz	220 - 240 V ~ 50 Hz
Charging voltage	12 V	12 V	12 V	6 V / 12 V
Suitable for batteries (min. / max. Ah)	3 - 150 Ah	3 - 120 Ah	3 - 60 Ah	3 - 32 Ah
Charging current max.	6 A	4 A	2 A	1 A
Product weight	0.6 kg	0.4 kg	0.3 kg	0.2 kg
Multi-step charging cycle, microprocessor-controlled	•	•	•	•
Suitable for gel batteries / AGM batteries / lead-acid batteries	•	•	•	•
Boost engine output (rms)	-	-	-	-
Winter charging mode	•	•	•	-
Totally insulated battery terminals	•	•	•	•
Electronic overcharging, short-circuit & swapped poles protection	•	•	•	•
Trickle charge function	•	•	•	•
Recondition + power supply mode	•	•	-	-
Dustproof / splashproof	IP 65	IP 65	IP 65	IP 65
Integrated wall bracket / handle	•	•	•	•
Article number	10.022.35	10.022.25	10.022.15	10.022.05



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4 006825 640311



4 006825 640304



4 006825 640298

• yes - no

## ANALOG BATTERY CHARGERS



	<b>CC-BC 30/1</b> <b>CAR CLASSIC</b>	<b>CC-BC 15</b> <b>CAR CLASSIC</b>	<b>CC-BC 12</b> <b>CAR CLASSIC</b>
Mains connection	230 V ~ 50 Hz	230 V ~ 50 Hz	230 V ~ 50 Hz
Charging voltage	6 V / 12 V / 24 V	6 V / 12 V / 24 V	12 V
Suitable for batteries (min. / max. Ah)	3 - 400 Ah	10 - 300 Ah	26 - 200 Ah
Charging current (eff.) on 6 V	min. 0.9 A / max. 30 A	min. 6.5 A / max. 15 A	-
Charging current (eff.) on 12 V	min. 1.6 A / max. 30 A	min. 8 A / max. 15 A	12 A
Charging current (eff.) on 24 V	min. 3 A / max. 20 A	min. 7 A / max. 10 A	-
Product weight	11.9 kg	5.3 kg	3.2 kg
Overload / false poling / short-circuit protection	•	•	•
Suitable for lead-acid batteries	•	•	•
Built-in ammeter	•	•	•
All-insulated construction	-	•	•
Totally insulated battery terminals	•	•	•
Boost engine output (rms)	100 A - 5 sec	-	-
Electronics with charging voltage limitation	-	-	-
Carry handle	•	•	•
Article number	10.781.21	10.750.31	10.567.21



## ANALOG BATTERY CHARGERS



	<b>CC-BC 10 E</b> <b>CAR CLASSIC</b>	<b>CC-BC 8</b> <b>CAR CLASSIC</b>	<b>CC-BC 5</b> <b>CAR CLASSIC</b>
Mains connection	230 V ~ 50 Hz	230 V ~ 50 Hz	230 V ~ 50 Hz
Charging voltage	12 V	6 V / 12 V	12 V
Suitable for batteries (min. / max. Ah)	5 - 200 Ah	3.7 - 120 Ah	16 - 80 Ah
Charging current (eff.) on 6 V	-	min. 0.85 A / max. 8 A	-
Charging current (eff.) on 12 V	10 A	min. 1.2 A / max. 6.5 A	5 A
Charging current (eff.) on 24 V	-	-	-
Product weight	2.8 kg	2.4 kg	2.0 kg
Overload / false poling / short-circuit protection	•	•	•
Suitable for lead-acid batteries	•	•	•
Built-in ammeter	•	•	•
All-insulated construction	•	•	•
Totally insulated battery terminals	•	•	•
Boost engine output (rms)	-	-	-
Electronics with charging voltage limitation	•	-	-
Carry handle	•	•	•
Article number	10.508.21	10.231.21	10.561.21



• yes - no

## BOOSTER CABLES



	BT-BO 25/1 A LED SP <b>CAR CLASSIC</b>	BT-BO 25/1 A <b>CAR CLASSIC</b>
For petrol engines up to	5500 cm <sup>3</sup>	5500 cm <sup>3</sup>
For diesel engines up to	3000 cm <sup>3</sup>	3000 cm <sup>3</sup>
Battery voltage	12 / 24 V	12 / 24 V
Cable length	3.5 m	3.5 m
Cable cross section	31.4 mm <sup>2</sup> alu (= 25 mm <sup>2</sup> copper)	31.4 mm <sup>2</sup> alu (= 25 mm <sup>2</sup> copper)
Testing current	350 A	350 A
Product weight	1.7 kg	1.8 kg
All-insulated pole-pliers	•	•
Surge protection	•	-
Carrying bag	•	•
LED light	•	-
Article number	20.303.65	20.303.45



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4 006825 561555

## BOOSTER CABLES



	BT-BO 16/1 A LED SP <b>CAR CLASSIC</b>	BT-BO 16/1 A <b>CAR CLASSIC</b>
For petrol engines up to	2500 cm <sup>3</sup>	2500 cm <sup>3</sup>
For diesel engines up to	-	-
Battery voltage	12 / 24 V	12 / 24 V
Cable length	3 m	3 m
Cable cross section	19.4 mm <sup>2</sup> alu (= 16 mm <sup>2</sup> copper)	19.4 mm <sup>2</sup> alu (= 16 mm <sup>2</sup> copper)
Testing current	220 A	220 A
Product weight	1.2 kg	1.2 kg
All-insulated pole-pliers	•	•
Surge protection	•	-
Carrying bag	•	•
LED light	•	-
Article number	20.303.60	20.303.35



4 006825 603491



4 006825 561548

• yes - no



## CORDLESS IMPACT WRENCHES



	<b>TE-CW 18 Li Brushless - Solo</b> <b>EXPERT PLUS</b>	<b>IMPAXXO 18/400</b> <b>EXPERT PLUS</b>
PXC battery voltage / capacity	18 V / -	18 V / -
Charging time	-	-
Idle speed	0 - 2900 min <sup>-1</sup>	0 - 1000 / 0 - 1500 / 0 - 2000 min <sup>-1</sup>
Torque (hard)	215 Nm	400 Nm
Bit mount	12.5 mm (½") external square drive mount	12.5 mm (½") external square drive mount
Product weight	1.1 kg (excl. battery)	2.0 kg (excl. battery)
Brushless motor	•	•
LED	•	•
Metal gear box	•	•
Electronic speed control	•	•
Belt clip	•	•
Number of batteries / number of chargers	0 / 0	0 / 0
Bit adapter	•	•
Drive socket inserts (incl.)	-	3
Packaging	Colour box	Colour box
Article number	45.100.40	45.100.70



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## CORDLESS IMPACT DRIVERS



	<b>CC-IW 950</b> <b>CAR CLASSIC</b>	<b>CC-IW 450</b> <b>CAR CLASSIC</b>
Mains connection	230 - 240 V ~ 50 Hz	230 V ~ 50 Hz
Power rating	950 W	450 W
Idle speed	2300 min <sup>-1</sup>	2600 min <sup>-1</sup>
Max. torque	450 Nm	300 Nm
Tool mounting	12.7 mm (½") external square drive mount	12.7 mm (½") external square drive mount
Cable length	2 m	2 m
Product weight	3.4 kg	2.3 kg
Clockwise / Counterclockwise operation	•	•
Soft grip	•	•
Drive socket inserts (incl.)	17, 19, 21, 22 mm (1x each)	17, 19, 21, 22 mm (1x each)
Packaging	Case	Colour box
Article number	42.599.50	20.483.04



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4 006825 626186

• yes - no

## CAR HAMMER SCREWDRIVER



	CC-HS 12/1 <b>CAR CLASSIC</b>
Rated voltage	12 V
Max. torque	350 Nm (loosening torque)
Tool mounting	12.7 mm (½") external square drive mount
Cable length	3.5 m
Product weight	1.5 kg
Clockwise / Counterclockwise operation	•
LED light	•
Drive socket inserts (incl.)	17/19 mm, 21/23 mm
Packaging	Case
Article number	20.483.12



## TROLLEY JACK



	CC-TJ 2000 <b>CAR CLASSIC</b>
Load capacity	2 t
Lifting height min.	135 mm
Lifting height max.	330 mm
Product weight	8.7 kg
2 ball bearing castors	•
Integrated carry handle	•
Support plate	•
Removable lift rod	•
Integrated safety valve against overloading	•
Article number	20.117.79



• yes - no

**POWER X-CHANGE**

**CORDLESS CAR POLISHING MACHINE**



CE-CB 18/254 Li - Solo	
<b>CAR EXPERT</b>	
PXC battery voltage / capacity	18 V / -
Rotation speed	2500 min <sup>-1</sup>
Diameter	254 mm
Product weight	1.9 kg (excl. battery)
Member of the PXC family	•
ON/OFF switch	•
Ergonomic soft grip	•
Textile bonnet	1 pc
Synthetic bonnet	1 pc
Packaging	Colour box
Article number	20.933.01



**CAR POLISHING MACHINE**



CC-PO 90	
<b>CAR CLASSIC</b>	
Mains connection	230 V ~ 50 Hz
Power rating	90 W
Rotation speed	3700 min <sup>-1</sup>
Diameter	240 mm
Product weight	1.9 kg
ON/OFF switch	•
Textile bonnet	1 pc
Synthetic bonnet	1 pc
Packaging	Colour box
Article number	20.931.73



**CAR ACCESSORIES**



	Polishing Bonnets	Polishing/Grinding Set 180 mm	Polishing/Grinding Set 150 mm (incl. plate)	Polishing/Grinding Set 150 mm (excl. plate)
Can be used for	CE-CB 18/254 Li / CC-PO 90	CC-PO 1100/1 E / CC-PO 1100/2 E / CE-CP 18/180 Li E	CC-PO 1100/1 E / CC-PO 1100/2 E / CE-CP 18/180 Li E	CC-PO 1100/150 E
Textile bonnet	1 pc	-	-	-
Synthetic bonnet	1 pc	2 pcs	2 pcs	2 pcs
Foam pad	-	1 pc	1 pc	1 pc
Abrasive paper	-	6 pcs (grit size 60, 80, 120 - 2 of each)	6 pcs (grit size 60, 80, 120 - 2 of each)	6 pcs (grit size 60, 80, 120 - 2 of each)
Plate	-	-	1 pc	-
Article number	20.930.95	20.932.33	20.932.45	20.932.46



• yes - no



# CORDLESS POLISHING/SANDING MACHINE



**POWER X-CHANGE**

## CORDLESS POLISHING/ SANDING MACHINE



	<b>CE-CP 18/180 Li E - Solo</b> <b>EXPERT PLUS</b>
PXC battery voltage / capacity	18 V / -
Rotation speed	500 - 3000 min <sup>-1</sup>
Diameter	180 mm
Product weight	1.6 kg (excl. battery)
Member of the PXC family	•
Brushless motor	•
ON/OFF switch	•
Ergonomic soft grip	•
Speed control electronic	•
Spindle lock	•
Hook and loop fastener for polishing/grinding acc.	•
Synthetic bonnet	1 pc
Foam pad	1 pc
Abrasive paper (grit size 60, 80, 120)	1 of each
Packaging	Colour box
Article number	20.933.20

• yes - no



## POLISHING AND SANDING MACHINES



	<b>CC-PO 1100/1 E</b> <b>CAR CLASSIC</b>	<b>CC-PO 1100/150 E</b> <b>CAR CLASSIC</b>	<b>CC-PO 1100/2 E</b> <b>CAR CLASSIC</b>
Mains connection	230 V ~ 50 Hz	230 V ~ 50 Hz	230 V ~ 50 Hz
Power rating	1100 W	1100 W	1100 W
Rotation speed	1000 - 3500 min <sup>-1</sup>	1000 - 3500 min <sup>-1</sup>	1000 - 3500 min <sup>-1</sup>
Diameter	180 mm	150 mm	180 mm
Product weight	2.5 kg	2.5 kg	2.3 kg
ON/OFF switch	•	•	•
Ergonomic soft grip	•	•	•
Speed control electronic	•	•	•
Spindle lock	•	•	•
Hook and loop fastener for polishing/grinding acc.	•	•	•
Synthetic bonnet	2 pcs	2 pcs	1 pc
Foam pad	1 pc	1 pc	1 pc
Abrasive paper (grit size 60, 80, 120)	2 of each	2 of each	1 of each
Packaging	Case	Case	Colour box
Article number	20.932.64	20.932.75	20.932.65

• yes - no



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# CORDLESS CAR AIR COMPRESSOR



Cordless Car Air Compressor  
**CE-CC 18 Li**

Illustration similar

**POWER X-CHANGE**

## CORDLESS CAR AIR COMPRESSOR



Illustration similar

	<b>CE-CC 18 Li-Solo</b>
	<b>CAR EXPERT</b> <span style="float: right;"><b>NEW</b></span>
PXC battery voltage / capacity	18 V / -
Max. operating pressure	11 bar
Pressure hose length	600 mm
Product weight	0.8 kg (excl. battery)
Member of the PXC family	•
Digital pressure indicator	•
Setting of the required pressure	•
Automatic switch-off function	•
Manual inflation	•
3-piece set of inflation adapters	•
Integrated accessory storage	•
Suitable for	Car tyres, bicycle tyres, small-volume toys, sports and beach articles
Article number	20.710.10

• yes   - no



## CAR AIR COMPRESSORS



	CC-AC 35/10 12 V <b>CAR CLASSIC</b>	CC-AC 12 V <b>CAR CLASSIC</b>
Mains voltage	12 V	12 V
Max. operating pressure	10 bar	18 bar
Pressure hose length	1500 mm	450 mm
Product weight	2.0 kg	0.6 kg
Pressure gauge	0 - 10 bar	0 - 18 bar
Extra long connection cable	2.8 m	2.9 m
Valve connection for car tyre valves	Schrader valve	Schrader valve
Spare adapters (incl.)	4 pcs (bike, water ball, air bed, ball adapter)	3 pcs (water ball, air bed, ball adapter)
Article number	20.721.21	20.721.12



**POWER X-CHANGE**

## CORDLESS AIR PUMP



Illustration similar

	CE-AP 18 Li-Solo <b>CAR EXPERT</b> <b>NEW</b>
PXC battery voltage / capacity	18 V / -
Air rate	670 l/min
Max. pressure	0.05 bar
Product weight	0.4 kg (excl. battery)
Member of the PXC family	•
Locking switch	•
Suitable for deflation	•
Valve connection	2x
LED	•
Suitable for	Inflatable boats, air mattresses, other leisure articles
Article number	20.701.10



• yes - no



## CORDLESS COMPRESSOR



**TE-AC 36/6/8 Li OF Set - Solo**  
**EXPERT** **NEW**

PXC battery voltage / capacity	2x 18 V / -
Suction power	130 l/min
Output rate 0 bar   4 bar   7 bar	90 l/min   55 l/min   38 l/min
Tank capacity	6 l
Max. operating pressure	8 bar
Product weight	9.7 kg (excl. battery)
Member of the PXC family	•
Pressure reducer	•
Accessory mount	•
Compressed air hose	•
Blow-out pistol	•
Tyre pressure gauge	•
Adapter set	•
Article number	40.204.50



## 6-IN-1 CORDLESS HYBRID COMPRESSOR



**PRESSITO**  
**EXPERT**

PXC battery voltage / capacity	18 V / -
Mains connection	220 - 240 V ~ 50 Hz
Suction power	21 l/min
Output rate 0 bar   4 bar   7 bar	16 l/min   10 l/min   8 l/min
Max. operating pressure	11 bar
Product weight	2.1 kg (excl. battery)
Member of the PXC family	•
Hybrid function	•
Digital pressure indicator	•
Soft grip	•
Cable storage	•
Hoses incl.	High pressure hose, low pressure hose (1x each)
Adapter set	•
Article number	40.204.60



• yes - no



## CORDLESS COMPRESSOR



Illustration similar

**PRESSITO 18/21**  
**EXPERT** **NEW**

PXC battery voltage / capacity	18 V / -
Suction power	21 l/min
Output rate 0 bar   4 bar   7 bar	15 l/min   10 l/min   7 l/min
Max. operating pressure	10.5 bar
Product weight	1.9 kg (excl. battery)
Member of the PXC family	•
Digital pressure indicator	•
Manual inflation function	•
Soft grip	•
Hoses incl.	High pressure hose, low pressure hose (1x each)
Adapter set	•
Article number	40.204.67



**POWER X-CHANGE**  
**CORDLESS WET AND DRY VACUUM CLEANERS**



	<b>TE-VC 36/30 Li S - Solo</b> <b>EXPERT PLUS</b>	<b>TE-VC 36/25 Li S - Solo</b> <b>EXPERT</b> <span style="float: right;"><b>NEW</b></span>
PXC battery voltage / capacity	2x 18 V / -	2x 18 V / -
Suction power	150 mbar / 100 mbar (BOOST / ECO)	150 mbar / 100 mbar (BOOST / ECO)
Tank volume	30 l	25 l
Product weight	8.0 kg (excl. battery)	7.0 kg (excl. battery)
Member of the PXC family	•	•
Speed settings	2	2
Also suitable for wet vacuuming	•	•
Suction hose	Plastic 250 cm, heavy-duty material	Plastic 250 cm
Suction tube	Telescopic, stainless steel	2-piece, stainless steel
Nozzles	Crevice, upholstery and combination nozzle (1x each)	Crevice, upholstery and combination nozzle (1x each)
Filters	Foam, pleated filter, dirt bag (1x each)	Foam, pleated filter, dirt bag (1x each)
Article number	23.471.40	23.471.70



**POWER X-CHANGE**  
**CORDLESS WET AND DRY VACUUM CLEANERS**



	<b>TC-VC 18/20 Li S - Solo</b> <b>CLASSIC</b>	<b>TC-VC 18/15 Li - Solo</b> <b>CLASSIC</b> <span style="float: right;"><b>NEW</b></span>	<b>TE-VC 18/10 Li - Solo</b> <b>EXPERT</b>
PXC battery voltage / capacity	18 V / -	18 V / -	18 V / -
Suction power	80 mbar	80 mbar	90 mbar
Tank volume	20 l	15 l	10 l
Product weight	3.6 kg (excl. battery)	3.2 kg (excl. battery)	3.1 kg (excl. battery)
Member of the PXC family	•	•	•
Speed settings	1	1	1
Also suitable for wet vacuuming	•	•	•
Suction hose	Plastic 150 cm	Plastic 150 cm	Plastic 200 cm
Suction tube	3-piece, plastic	3-piece, plastic	-
Nozzles	Crevice, upholstery and combination nozzle (1x each)	Crevice and combination nozzle (1x each)	2-in-1 crevice/brush nozzle and 2-in-1 upholstery/universal nozzle (1x each)
Filters	Foam, pleated filter, dirt bag (1x each)	Foam filter, filter bag, dirt bag (1x each)	Foam filter, filter bag, dirt bag (1x each)
Article number	23.471.30	23.471.45	23.471.60



• yes - no

**POWER X-CHANGE**

## CORDLESS HANDHELD VACUUM CLEANER



	<b>TE-VC 18 Li - Solo</b> <b>EXPERT PLUS</b>
PXC battery voltage / capacity	18 V / -
Suction power	42 mbar
Tank volume	0.54 l
Product weight	0.9 kg (excl. battery)
Member of the PXC family	•
Speed settings	1
Also suitable for wet vacuuming	-
Suction tube	Plastic 46.5 cm
Nozzles	Crevice, upholstery, floor nozzle (1x each)
Filters	1 washable synthesis filter (1x each)
Wall bracket	•
Article number	23.471.20

• yes - no



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## CORDLESS WET AND DRY VACUUM CLEANERS ACCESSORIES



	<b>Car Cleaning Set</b>
Items supplied	6-piece
Article number	23.512.45



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**ACCESSORIES – BATTERIES**



	4-6 Ah Multi-Ah Power X-Change Plus Battery	5.2 Ah Power X-Change Plus Battery	3.0 Ah Power X-Change Plus Battery
Items supplied	1 battery	1 battery	1 battery
PXC battery voltage / capacity	18 V / 6.0 Ah or 4.0 Ah (depending on the application)	18 V / 5.2 Ah	18 V / 3.0 Ah
Battery power	max. 1350 W	max. 1260 W	max. 900 W
Product weight	1.02 kg	0.89 kg	0.57 kg
Article number	45.115.02	45.114.37	45.115.01



**ACCESSORIES – BATTERIES**



	4.0 Ah Power X-Change Battery	2.5 Ah Power X-Change Battery	2.0 Ah Power X-Change Battery
Items supplied	1 battery	1 battery	1 battery
PXC battery voltage / capacity	18 V / 4.0 Ah	18 V / 2.5 Ah	18 V / 2.0 Ah
Battery power	max. 900 W	max. 720 W	max. 450 W
Product weight	0.65 kg	0.46 kg	0.40 kg
Article number	45.113.96	45.115.16	45.113.95



**4-6 Ah MULTI-AH POWER X-CHANGE PLUS BATTERY**

Thanks to MULTI-Ah technology, switching over from a 4 Ah battery to a 6 Ah battery is really easy and can be done with just the push of a button. The 4 Ah battery has a 3x longer total service life and is suitable for lighter applications (e.g. cordless lamp or cordless screwdriver). The 6 Ah battery offers the maximum running time for more capacity-intensive applications (e.g. cordless lawn mower or cordless wet and dry vacuum cleaners).

4 Ah



**+300%**  
more lifetime <sup>1)</sup>

6 Ah



**+50%**  
more runtime <sup>2)</sup>

<sup>1)</sup> in comparison to every standard lithium-ion battery  
<sup>2)</sup> in comparison to the 4 Ah battery



**ACCESSORIES – BATTERIES**



	2x 4.0 Ah Power X-Change Twin-Pack	2x 2.5 Ah Power X-Change Twin-Pack <span style="float: right;">NEW</span>
Items supplied	2 batteries	2 batteries
PXC battery voltage / capacity	2x 18 V / 4.0 Ah	2x 18 V / 2.5 Ah
Battery power	max. 2x 900 W	max. 2x 720 W
Product weight	1.32 kg	0.92 kg
Article number	45.114.89	45.115.24



**ACCESSORIES – CHARGERS**



	2x2 Power X-Quattrocharger 4 A <span style="float: right;">NEW</span>	Power X-Boostcharger 6 A
Items supplied	1 charger	1 charger
Can be used for	18 V Power X-Change batteries	18 V Power X-Change batteries
Charging current	4 A	3 - 6 A
Multiple-port charger	• 4 charging slots allow 2 batteries to be charged at the same time	-
Boost mode	-	•
Integrated wall mount	-	•
Mains voltage	220 - 240 V ~ 50-60 Hz	220 - 240 V ~ 50-60 Hz
Article number	45.121.02	45.120.64



**ACCESSORIES – CHARGERS**



	Power X-Twincharger 3 A	Power X-Fastcharger 4 A
Items supplied	1 charger	1 charger
Can be used for	18 V Power X-Change batteries	18 V Power X-Change batteries
Charging current	3 A	4 A
Multiple-port charger	• 2 charging slots allow 2 batteries to be charged at the same time	-
Boost mode	-	-
Integrated wall mount	•	•
Mains voltage	220 - 240 V ~ 50-60 Hz	220 - 240 V ~ 50-60 Hz
Article number	45.120.69	45.121.03



• yes    - no

## ACCESSORIES – CHARGERS

MIDYEAR 2021



	Power X-Car Charger 3 A <span style="float: right;">NEW</span>
Items supplied	1 charger
Can be used for	18 V Power X-Change batteries
Charging current	3 A
Integrated wall mount	•
Operating voltage	12 V DC
Article number	45.121.13



### POWER X-CAR CHARGER 3 A ELECTRONIC PROTECTION FOR CAR BATTERIES



- 1. The car battery is weak:**  
Charging stops and both indicator lights blink in alternation – the car battery is protected from further discharge. In this state the car can still be started.
- 2. The car battery is empty:**  
The indicator lights go out – the car battery is protected from exhaustive discharge.

## ACCESSORIES – STARTER KITS



	2x 3.0 Ah PXC Twincharger Starter Kit
Items supplied	2 batteries + 1 Twin Charger
PXC battery voltage / capacity	2x 18 V / 2x 3.0 Ah
Battery power	max. 2x 900 W
Charging current	3 A
Mains voltage	220 - 240 V ~ 50-60 Hz
Multiple-port charger	• 2 charging slots allow 2 batteries to be charged at the same time
Boost mode	-
Integrated wall mount	•
Article number	45.120.83



## ACCESSORIES – STARTER KITS



	4.0 Ah Power X-Change Starter Kit	2.5 Ah Power X-Change Starter Kit
Items supplied	1 battery + 1 Power X-Charger 3 A	1 battery + 1 Power X-Charger 3 A
PXC battery voltage / capacity	18 V / 4.0 Ah	18 V / 2.5 Ah
Battery power	max. 900 W	max. 720 W
Charging current	3 A	3 A
Mains voltage	220 - 240 V ~ 50-60 Hz	220 - 240 V ~ 50-60 Hz
Multiple-port charger	-	-
Boost mode	-	-
Integrated wall mount	•	•
Article number	45.120.42	45.120.97



• yes - no

### BATTERY CHARGING TIMES

	1.5 Ah	2.0 Ah	2.5 Ah	3.0 Ah	4.0 Ah	5.2 Ah	6.0 Ah
Power X-Charger 3 A	30 min	40 min	50 min	60 min	75 min	100 min	120 min
Power X-Car Charger 3 A							
Power X-Twincharger 3 A (Charging 2 batteries simultaneously)							
Power X-Fastcharger 4 A	24 min	30 min	37 min	45 min	60 min	80 min	90 min
2x2 Power X-Quattrocharger 4 A (Charging 2 batteries simultaneously)							
Power X-Boostcharger 6 A	24 min	30 min	27 min	32 min	40 min	50 min	60 min

-25%  
-50%

### BATTERY RUNNING TIMES



			18 V 2.0 Ah	18 V 2.5 Ah	18 V 3.0 Ah	18 V 4.0 Ah	18 V 5.2 Ah	18 V 6.0 Ah
Cordless Impact Wrench	TE-CW 18 Li Brushless		150 pcs	180 pcs	225 pcs	300 pcs	390 pcs	450 pcs
Cordless Car Polishing Machine	CE-CB 18/254 Li		81 min	93 min	112 min	127 min	200 min	222 min
Cordless Polishing/Sanding Machine	CE-CP 18/180 Li E		20 min	25 min	35 min	43 min	54 min	65 min
Cordless Compressor	TE-AC 36/6/8 Li OF	 	25 min 400 pcs	29 min 435 pcs	40 min 660 pcs	50 min 800 pcs	60 min 900 pcs	80 min 1320 pcs
6-in-1 Cordless Hybrid Compressor	PRESSITO		30 min	37 min	45 min	60 min	85 min	90 min
Cordless Compressor	PRESSITO 18/21		30 min	37 min	45 min	60 min	85 min	90 min
Cordless Wet and Dry Vacuum Cleaners	TE-VC 36/30 Li S	BOOST ECO	8 min 11 min	10 min 13 min	12 min 16 min	16 min 22 min	21 min 28 min	24 min 33 min
	TE-VC 36/25 Li S	BOOST ECO	8 min 11 min	10 min 13 min	12 min 16 min	16 min 22 min	21 min 28 min	24 min 33 min
	TC-VC 18/20 Li S		10 min	11 min	16 min	20 min	25 min	32 min
	TC-VC 18/15 Li		10 min	11 min	16 min	20 min	25 min	32 min
	TE-VC 18/10 Li		10 min	12 min	17 min	21 min	26 min	30 min
Cordless Handheld Vacuum Cleaner	TE-VC 18 Li		16 min	18 min	23 min	31 min	40 min	46 min

#### BASIC PERFORMANCE – Upgrade recommended

81 min

Figures shown in lighter fields (for example see above) indicate that we recommend using a battery with greater power/capacity for full power and the appropriate operating time of the machine.

All stated values are maximum values. They were determined under standardised test conditions and may differ from the values achievable in everyday operation.

#### Key to Symbols:

- Tightening/loosening wheel bolts (hexagon head, size 22 mm) – max. quantity per battery charge
- Max. idling time per battery charge in BOOST / ECO mode

- Max. operating time per battery charge in idle mode
- 13 mm staples in softwood - max. number per battery charge

# CHARGING SYSTEMS AND CAR ACCESSORIES 2021/2022

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**Einhell-Service**  
Eschenstr. 6  
94405 Landau/Isar  
Germany



+ 49 (0) 9951 959 2000



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**www** [www.einhell-service.de](http://www.einhell-service.de)



[Service-DE@einhell.com](mailto:Service-DE@einhell.com)

## **Einhell Germany AG**

Wiesenweg 22  
94405 Landau / Isar  
Germany  
[info@einhell.de](mailto:info@einhell.de) - [www.einhell.de](http://www.einhell.de)