



# // JUMP STARTERS AND CHARGING SYSTEMS

Re-Energize.





## **JUMP START- POWER BANKS**

2 products in 1.  
For jump starting the car  
when the battery is dead  
+ mobile power bank for  
all electronic devices.

## **BATTERY CHARGERS**

Microprocessor-control-  
led or analog – get your  
battery back in good  
condition or maintain  
an optimal charging  
process.

## **JUMPER CABLE**

The classic jumper cable.  
Easy to use, reliable, attrac-  
tively priced.

# //MORE POWER THAN EVER BEFORE.

**IT IS A NUISANCE THAT EVERY CAR DRIVER HAS EXPERIENCED AT ONE TIME OR ANOTHER.**

You get into the car, turn the ignition key and... nothing happens. Maybe a brief stutter or last gasp, but the vehicle simply will not start. You can either try to get the car started yourself or ask a neighbour for assistance. But if no one is there to help you with a jump start, you will soon find out how expensive the breakdown service can be.



## **COMPACT**

Handy jump start and power bank in one – basic equipment for every car.

## **POWERFUL**

The car battery is dead? No help is in sight? The autonomous compact jump starters will get nearly any car started.

## **VERSATILE**

Power bank for a wide range of devices including mobile phones, tablets, notebooks and cameras.

# //THE COMPACT JUMP STARTERS.

## THE 2-IN-1 EINHELL JUMP START-POWER BANKS – COMPACT AND POWERFUL.

The jump start-power bank is a must have in every car – thanks to its use as power source it's the perfect companion for travelling. With a single unit, you can jump start the car when the battery is dead and you can also quickly and easily charge mobile phones, laptops, cameras, notebooks, etc.



# EINHELL

## JUMP START-POWER BANKS

The Jump start-power bank is a compact, handy jump starter and power source, that every car should be equipped with.



### SMARTCELLCONTROL

- Maximum battery capacity
- Optimum output at all times
- Maximum battery life



### JUMP START

- For dead car batteries
- Jump starting without external help



### 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

| LED charge status indicator

| LED work light

| USB adapter cable  
Micro and Mini USB for charging mobile phones, tablets, cameras, etc.

| 12 V | 200 A or 300 A  
Jump start  
for dead/ flat car batteries

| Power output 19 V | 3.5 A  
e.g. for laptops



Power output 12 V | 10 A |  
e.g. for air compressors

Input |  
for 230 V power supply or 12 V  
charging cable with cigarette  
lighter plug (included)

USB output |  
Charge mobile phones, smart phones,  
tablets, cameras, MP3 players, etc.

**Features**

Jump start function

LED charge status indicator

LED work light

Incl. USB adapter cable (Micro and Mini USB)

Incl. adapter cable with 8 different notebook adapters

Incl. jump start cables

Incl. 230 V charging adapter

Incl. 12 V charging cable with cigarette lighter plug

**CC-JS 8**

✓

✓

✓

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**CC-JS 12**

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**CC-JS 18**

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## CC-JS 8



## CC-JS 12



## CC-JS 18



### Technical data

Capacity	3 x 2500 mAh	3 x 3700 mAh	3 x 6000 mAh
Start voltage	12 V	12 V	12 V
Start current / peak current	200 A / 400 A	200 A / 400 A	300 A / 600 A
USB connection	5 V / 2 A	5 V / 2 A	5 V / 1 und 2 A
Auxiliary output	-	12 V   10 A / 19 V   3.5 A	12 V   10 A / 19 V   3.5 A
Charge time (hours)	3	4	6
<b>Article No.</b>	10.915.10	10.915.20	10.915.30







## **SIMPLE**

Not a car expert? Never mind! It couldn't be easier: Attach the clamps to the car battery, insert the plug into the socket – that's it. The charger does everything else on its own.

## **INTELLIGENT**

The charger first analyses the battery and initiates the appropriate charging process. Afterwards it maintains the optimal battery charge.

## **SAFE**

Overload, short circuit and reverse polarity protection eliminate the risk of application errors. Dust and splash water protection prevents damage caused by exposure to ambient conditions.

# //OUR INTELLIGENT ALLROUNDERS.

**THE EINHELL MICROPROCESSOR-CONTROLLED BATTERY CHARGERS ARE INTELLIGENT SYSTEMS DESIGNED FOR A WIDE RANGE OF APPLICATIONS.**

There are many possible reasons for a flat car battery: many short trips which do not give the battery time to recharge, the increasing number and complexity of on-board electrical and electronic systems, extended periods when seasonal vehicles are not used, low temperatures in the winter or simply forgetting to switch off the lights. Help is at hand with the Einhell battery chargers, ideally with microprocessor control. They charge all gel, AGM, low-maintenance and maintenance-free lead-acid batteries in nearly every kind of vehicle – from scooters up to caravans. They are safe and easy to use and they are equipped with intelligent-controlled electronics. They provide all functions and features needed to ensure user-friendly operation and safe handling of batteries for a long battery life.

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



EASY TO USE



EXTENDED BATTERY LIFE



SAFE TO USE



OPTIMAL STATE OF  
CHARGE AT ALL TIMES



ALL-PURPOSE CHARGERS



WINTER CHARGING MODE



RECOVERY OF DEEP-DISCHARGED  
BATTERIES



INCREASE AND MAINTAIN  
BATTERY CAPACITY

# QUALITY IN THE DETAILS.

## ALL-PURPOSE CHARGERS

- Can be used for all 6 V and 12 V gel, AGM, low-maintenance and maintenance-free lead-acid batteries.
- Wide range of different functions: gentle charging of the battery, fast charging function, trickle charging.

## WINTER CHARGING MODE

A higher charging voltage is needed at low temperatures. The process is automatically optimised during winter charging mode.

## RECOVERY OF DEEP-DISCHARGED BATTERIES

The build-in recovery function can restore deep-discharged batteries with intact cells.

## INCREASE AND MAINTAIN BATTERY CAPACITY

Repeated charging increases battery capacity and extends battery life.

## EASY TO USE

Attach the clamps to the car battery and insert the plug into the socket – the charger does the rest all on its own.

## EXTENDED BATTERY LIFE

- Intelligent charging technology: Charge status analysis – multi-stage charging process – trickle charge. This is good for the battery and ensures long battery life.
- Charge batteries on a regular basis – using the right charger significantly extends battery life.










## SAFE TO USE

- No risk of making application errors: Thanks to automatic overload, short circuit and reverse polarity protection and automatic 6 V/12 V voltage adjusting.
- Depending on the model, the chargers have dust and splash water protection, making them safe to use outdoors.

## OPTIMAL CHARGE AT ALL TIMES

Trickle charging function continuously maintains optimal voltage level. Ideal particularly for seasonal vehicles and machines such as convertibles, oldtimers, scooters, motorcycles, caravans, quads and lawn mowers.

# THE RIGHT CHARGER FOR EVERY USE.

	CC-BC 2M	CC-BC 4M	CC-BC 6M	CC-BC 10M	CC-BC 15M	 *
	●	●	●	●	●	4 Ah
	●	●	●	●	●	12 Ah
	●	●	●	●	●	18 Ah
	●	●	●	●	●	45 Ah
	●	●	●	●	●	70 Ah
	●	●	●	●	●	100 Ah
	●	●	●	●	●	145 Ah
	●	●	●	●	●	180 Ah


● Very suitable   
 ● Suitable   
 ● Not suitable



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

\* Frequently installed battery sizes

## THE RIGHT POWER FOR EVERY BATTERY

Charging time (hours)		Max. charging current (A)					
		2	4	6	10	15	30
Battery capacity (Ah)	4	2.5	1	0.75	0.5	0.4	0.2
	10	6.5	3	2	1.4	1	0.5
	20	13	6.5	4.5	2.5	1.5	1
	55	36	18	12	7	4.75	2.5
	60	39	20	13	8	5	2
	85	55	28	19	11	7	3.5
	150	98	49	33	20	13	6.5
	180	117	59	39	23	15	8

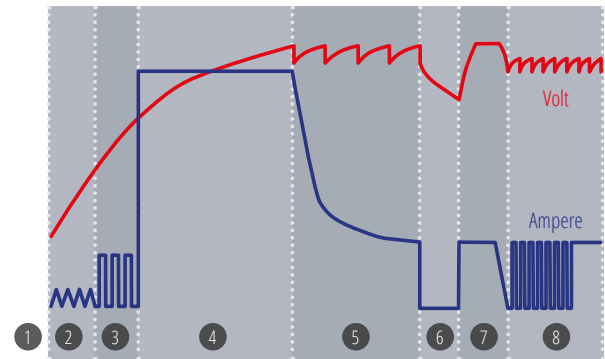
Select the charger that matches the size of your battery. The higher the charge current (A) provided by the charger, the faster the battery gets charged. A charger which provides a charging current equal to 1/10 of the battery capacity is ideal.

60 Ah → 6 A.

# INTELLIGENT CHARGING TECHNOLOGY.

## CHARGING CYCLE OF MICROPROCESSOR-CONTROLLED BATTERY CHARGERS.

- 1 **Status check (State of Health):**  
Checks the battery and calculates the charging parameters. Based on the results, the charger initiates the most suitable charge mode.
- 2 **Rescue function:**  
Battery recovery using low, pulsating charging current.
- 3 **Pre-charging:**  
Activates the battery with impulse charging.
- 4 **Main charging:**  
Constant, maximum charging current until battery reaches 80 % capacity.
- 5 **Absorption charge:**  
Charging with decreasing current until battery reaches 100 % capacity.
- 6 **Charging performance check:**  
Charging complete with temporary surveillance of the charging performance.
- 7 **Post charging:**  
Charge optimisation.
- 8 **Trickle charging / maintenance charging:**  
Maintains battery capacity at 95-100 % and monitors battery voltage. As necessary, the charger generates a charge pulse to keep the battery fully charged.



**CC-BC 2 M**



**CC-BC 4 M**



**CC-BC 6 M**



**CC-BC 10 M**



**CC-BC 15 M**



**Technical data**

Mains voltage (50 Hz)	220 - 240 V	220 - 240 V	220 - 240 V	220 - 240 V	220 - 240 V
Charging voltage	6 V / 12 V	6 V / 12 V	6 V / 12 V	6 V / 12 V	6 V / 12 V
Suitable for batteries (min. / max. Ah)	3 - 60 Ah	3 - 120 Ah	3 - 150 Ah	3 - 200 Ah	3 - 300 Ah
Charging current at 6 V	max. 2 A	max. 2 A	max. 2 A	max. 2 A	min. 2 A / max. 15 A
Charging current at 12 V	max. 2 A	min. 2 A / max. 4 A	min. 2 A / max. 6 A	min. 2 A / max. 10 A	min. 2 A / max. 15 A
Protection against dust and splash water	✓	✓	-	-	-
Package dimensions (l x w x h)	147 x 68 x 242 mm	147 x 68 x 242 mm	172 x 78 x 228 mm	207 x 111 x 254 mm	328 x 330 x 210 mm
Product weight	0.3 kg	0.4 kg	0.6 kg	0.9 kg	7.9 kg
<b>Article No.</b>	10.022.11	10.022.21	10.022.31	10.022.41	10.022.61





# ANALOG CHARGERS.

## SIMPLY SOLID.

The name Einhell stands for many years of experience in charging technology. The broad product portfolio includes the right conventional charger for nearly any user and application.

### The advantages:

- Uncomplicated, solid chargers
- Inexpensive to purchase

**CC-BC 4/1 P**



**CC-BC 5**



### Technical data

Mains voltage (50 Hz)	230 V	230 V
Charging voltage	12 V	12 V
Electronics with charge voltage limiting (overload protection)	-	-
Suitable for batteries (min. / max. Ah)	12 - 60 Ah	16 - 80 Ah
Charging current (rms) at 6 V	-	-
Charging current (rms) at 12 V	4 A	5 A
Charging current (rms) at 24 V	-	-
Package dimensions (l x w x h)	175 x 110 x 197 mm	212 x 193 x 126 mm
Product weight	1.68	2.14
<b>Article No.</b>	10.411.16	10.561.21

**CC-BC 8****CC-BC 10 E****CC-BC 12****CC-BC 15****CC-BC 22 E****CC-BC 30**

230 V	230 V	230 V	230 V	230 V	230 V
6 V / 12 V	12 V	12 V	6 V / 12 V / 24 V	12 V	6 V / 12 V / 24 V
-	built-in	-	-	built-in	-
3.7 - 120 Ah	5 - 200 Ah	26 - 200 Ah	10 - 300 Ah	5 - 300 Ah	3 - 400 Ah
min. 0.85 A / max. 8 A	-	-	min. 6.5 A / max. 15 A	-	min. 0.9 A / max. 30 A
min. 1.2 A / max. 6.5 A	10 A	12 A	min. 8 A / max. 15 A	min. 7 A / max. 22 A	min. 3 A / max. 20 A
-	-	-	min. 7 A / max. 10 A	-	-
212 x 190 x 126 mm	212 x 192 x 126 mm	211 x 193 x 127 mm	326 x 257 x 176 mm	330 x 255 x 170 mm	425 x 330 x 225 mm
2.21	2.83	3.33	5.45	6.8	11.02
10.231.21	10.508.21	10.567.21	10.750.31	10.031.31	10.781.21



## **SAFE**

The built-in electronic protection system prevents harmful voltage peaks, guaranteeing the safety of the jump starting function. Fully insulated clamps provide extra protection.

## **PRACTICAL**

Compact, easily stored in a carrying bag, always to hand for emergencies.

## **SIMPLE**

Not complicated or difficult to use. Simply attach the jumper cables properly and you are ready to go.

# //FOR A SAFE CONNECTION IN EMERGENCIES.

**EINHELL BOOSTER CABLES ARE GREAT TO HAVE TO JUMP START  
PETROL AND DIESEL ENGINES.**

The car won't start because the battery is dead? The problem is quickly solved if you have booster cables within easy reach in the car boot. High-grade aluminium cables with catchy clamps and, depending on the model, LED lighting and electronic protection against circuitry to surge protection against harmful voltage peaks are exactly what you need to jump start the car in a matter of seconds.

**BT-BO 16/1 A**



**BT-BO 25/1 A**



**BT-BO 16/1 A LED SP**



**BT-BO 25/1 A LED SP**



**Technical data**

For petrol engines up to max.	2500 cm <sup>3</sup>	5500 cm <sup>3</sup>	2500 cm <sup>3</sup>	5500 cm <sup>3</sup>
For diesel engines up to max.	-	3000 cm <sup>3</sup>	-	3000 cm <sup>3</sup>
Cable length	3 m	3.5 m	3 m	3.5 m
Cable cross section	19.4 mm <sup>2</sup>	31.4 mm <sup>2</sup>	19.4 mm <sup>2</sup>	31.4 mm <sup>2</sup>
Testing current	220 A	350 A	220 A	350 A

**Features**

Fully insulated clamps	✓	✓	✓	✓
Electronic protection	-	-	✓	✓
Carrying bag	✓	✓	✓	✓
LED lighting	-	-	✓	✓

<b>Article No.</b>	20.303.35	20.303.45	20.303.60	20.303.65
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# // JUMP STARTERS AND CHARGING SYSTEMS

Re-Energize.

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