



BATTERY CHARGER
BT-BC 2 D

PROPER FOR GEL BATTERIES



Charging voltage 12 V
Charging rate 2 A
Battery capacity 3 - 40 Ah

GB Charging automatic by a controlled microprocessor | LED-display | Charging leads with sturdy pole clamps | Overload-, voltage reversal- and short circuit protection | Especially for charge maintenance (e. g. for bicycle batteries)

0.3 / 0.4 kg 12
200 x 135 x 60 mm

Article number 10.021.50
4 006825 570748

BATTERY CHARGER
BT-BC 4 D

PROPER FOR GEL BATTERIES



Charging voltage 12 V
Charging rate 1 A / 4 A
Battery capacity 1 A: 2.3 - 16 Ah
4 A: 20 - 60 Ah

GB Charging automatic by a controlled microprocessor | Fault diagnose system | LED-display | Switch for charging current adjustment (1/4 A) | Electronic overload-, voltage reversal- and short circuit protection | Especially for charge maintenance

0.5 / 0.8 kg 8
220 x 115 x 90 mm

Article number 10.021.40
4 006825 554137



Einhell Germany AG

BATTERY CHARGER
BT-BC 4/1 P



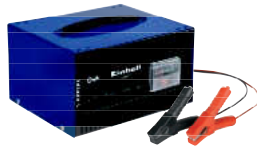
Charging voltage 12 V
Charging rate (arith./eff.) 2.8 A / 4 A
Battery capacity 12 - 60 Ah

GB Built-in ammeter | Overload- and fals poling- and short circuit protection | Charging leads with sturdy, fully insulated pole clamps | Plastic housing | Carrying handle | All-insulated construction | ON/OFF switch

1.7 / 1.9 kg 6
175 x 110 x 197 mm

Article number 10.411.15
4 006825 582918

BATTERY CHARGER
BT-BC 5



Charging voltage 12 V
Charging rate (arith./eff.) 3.5 A / 5 A
Battery capacity 16 - 80 Ah

GB Built-in ammeter | Overload- and fals poling- and short circuit protection | Charging leads with sturdy pole clamps | Sheet steel housing | Carrying handle

2.1 / 2.4 kg 6
215 x 190 x 125 mm

Article number 10.561.00
4 006825 100648

BATTERY CHARGER
BT-BC 7/1 PE



Charging voltage 12 V
Charging rate (arith./eff.) 5.1 A / 7 A
Battery capacity 10 - 110 Ah

GB Electronic charging | Function display (LEDs) | Overload- and fals poling- and short circuit protection | Charging leads with sturdy, fully insulated pole clamps | Plastic housing | Carrying handle | All-insulated construction | ON/OFF switch

2.6 / 2.8 kg 6
168 x 190 x 108 mm

Article number 10.412.15
4 006825 582925

BATTERY CHARGER
BT-BC 8



Charging voltage 6 V / 12 V
Charging rate (arith./eff.) Car: 6 V: 5.6 A / 8 A 12 V: 4.6 A / 6.5 A
Motorcycle: 6 V: 0.55 A / 0.85 A 12 V: 0.8 A / 1.2 A
Battery capacity: Car: 20 - 120 Ah
Motorcycle: 3.7 - 30 Ah

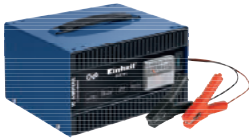
GB Built-in ammeter | Overload- and fals poling- and short circuit protection | Charging leads with sturdy pole clamps | Sheet steel housing | Carrying handle

2.2 / 2.5 kg 6
215 x 190 x 125 mm

Article number 10.231.10
4 006825 100921

BATTERY CHARGER

BT-BC 10 E



Charging voltage 12 V
 Charging rate (arith./eff.) 7.1 A / 10 A
 Battery capacity 5 - 200 Ah

GB Built-in ammeter | Overload- and fald poling- and short circuit protection | Charging leads with sturdy pole clamps | Sheet steel housing | Electronic charging (with overloading protection)

2.8 / 3.1 kg 6
 215 x 190 x 125 mm

Article number 10.508.50

BATTERY CHARGER

BT-BC 12



Charging voltage 12 V
 Charging rate (arith./eff.) 8 A / 12 A
 Battery capacity 26 - 200 Ah

GB Built-in ammeter | Overload- and fald poling- and short circuit protection | Charging leads with sturdy pole clamps | Sheet steel housing | Carrying handle

3.3 / 3.6 kg 6
 215 x 190 x 125 mm

Article number 10.567.00

BATTERY CHARGER

BT-BC 12 D-SE

PROPER FOR GEL BATTERIES

HIGH FREQUENCY BATTERY CHARGER



Charging voltage 12 V
 Charging rate 2 A / 6 A / 12 A
 Battery capacity 2 A: 6 - 20 Ah
 6 A: 20 - 60 Ah
 12 A: 40 - 120 Ah

GB Charging automatic by a controlled microprocessor | Fault diagnosis system | LED display | Overload-, voltage reversal- and short circuit protection | Cigarette lighter jack for 12 Volt d.c. output | Especially for charge maintenance

1.3 / 1.5 kg 8
 210 x 145 x 220 mm

Article number 10.022.00

BATTERY CHARGER

BT-BC 15



Charging voltage 6 V / 12 V / 24 V
 Charging rate (arith./eff.) normal fast
 6 V: 4.4 A / 6.5 A 10.4 A / 15 A
 12 V: 5.4 A / 8.0 A 10.4 A / 15 A
 24 V: 4.7 A / 7.0 A 6.8 A / 10 A
 Battery capacity 10 - 300 Ah

GB Built-in ammeter | Overload- and fald poling- and short circuit protection | Charging leads with sturdy pole clamps | Sheet steel housing | Turn-switch for quick and normal load and settings of the required voltage

5.5 / 6.1 kg 2
 335 x 255 x 175 mm

Article number 10.750.20

CHARGING CHARACTERISTIC

The charging characteristic indicates the relationship between the charging current and the charging time. The charging characteristic is represented in a graph by the current (A) as a function of the charging voltage (U).

We work with 3 different charging characteristics:

- W charging characteristic
- IU charging characteristic
- IUoU charging characteristic

W CHARGING CHARACTERISTIC

For lead acid batteries

Quick charging is possible with a low charging current.

It is recommended to supervise the charging of the battery in order to rule out overcharging.

The following battery chargers have a W charging characteristic:

- BT-BC 4/1 P
- BT-BC 5
- BT-BC 8
- BT-BC 12
- BT-BC 15
- BT-BC 30
- BT-BC 150

IU CHARGING CHARACTERISTIC

For lead acid batteries

This method is very well suited for the quick charging and partial charging of batteries.

The battery can be charged **without supervision**. When the battery is fully charged, the charging current will be automatically regulated to make overcharging impossible. This method is unsuitable however for continuous charging (maintenance charging).

The following so-called automatic battery chargers have an IU charging characteristic:

- BT-BC 7/1 PE
- BT-BC 10 E
- BT-BC 22 E

IUoU CHARGING CHARACTERISTIC

For lead acid batteries, AGM batteries and gel batteries

This method is very well suited for the **continuous charging** and so-called maintenance charging of batteries.

The battery can be charged **without supervision**. The voltage is regulated with the help of a microprocessor. Overcharging the battery is impossible.

The following high-frequency battery chargers have an IUoU charging characteristic:

- BT-BC 2 D
- BT-BC 4 D
- BT-BC 12 D-SE

BATTERY CHARGER

BT-BC 22 E



Charging voltage 12 V
 Charging rate (arith./eff.) 4.6 A / 7 A normal: 6.6 A / 11 A
 Switch pos. „N“: Autom.: 10 A / 15 A normal: 14.5 A / 22 A
 Switch pos. „S“: Autom.: 5 Ah - 300 Ah

GB Built-in ammeter | Overload- and fals poling- and short circuit protection | Sheet steel housing | Switch for automatic (with charging voltage limiting) and normal charging | Switch for normal and rapid charging | Electronic charging (with overloading protection)

6.8 / 7.5 kg 2
 330 x 255 x 170 mm

Article number 10.031.20

BATTERY CHARGER

BT-BC 30



Charging voltage 6 V / 12 V / 24 V
 Starting aid function 100 A (5 sec)
 Charging rate (arith./eff.) 6 V: 0.7 - 21 A / 0.9 - 30 A
 12 V: 1.0 - 20 A / 1.6 - 30 A
 24 V: 1.8 - 14 A / 3.0 - 20 A
 Battery capacity 3 Ah - 400 Ah

GB Voltmeter and ammeter | Overload- and fals poling- and short circuit protection | Sheet steel housing | Remote cable (3 m) with button | Charging capacity with 6 settings | Charging voltage switch (6 V / 12 V / 24 V)

11.0 / 13.0 kg 2
 425 x 330 x 225 mm

Article number 10.781.00

BATTERY CHARGER

BT-BC 150



Charging voltage 12 V / 24 V
 Starting aid function 150 A (2 sec)
 Charging rate (arith./eff.) 12 V: 0.7 - 28 A / 1.1 - 40 A
 24 V: 1.8 - 17 A / 3.0 - 25 A
 Battery capacity 3 Ah - 400 Ah

GB Voltmeter and ammeter | Overload- and fals poling- and short circuit protection | Remote cable (3 m) with button | Charging capacity with 5 settings | Charging voltage switch (12 V / 24 V)

14.8 / 16.1 kg 1
 320 x 260 x 510 mm

Article number 10.891.22



Einhell Germany AG

ENERGY STATIONS

ENERGY STATION

BT-PS 700



12 V / 10 A
 12 V / 7 Ah
 18 bar

GB Starting aid function 12 V | Jumper cable with fully insulated pole clips | 12 V terminal for 10 A | Lighting with 3 white high-power LEDs | Integrated 18 bar compressor | Battery charging control | 3 pcs. valve adapter kit

4.2 / 4.4 kg 2
 253 x 165 x 235 mm

Article number 10.910.30

ENERGY STATION

BT-PS 1000



12 V / 10 A
 12 V / 10 Ah
 18 bar

GB Starting aid function 12 V | Jumper cable with fully insulated pole clips | 12 V terminal for 10 A | Lighting 12 V / 3 W | Integrated 18 bar compressor | Battery charging control | 3 pcs. valve adapter kit

7.0 / 7.7 kg 2
 370 x 175 x 380 mm

Article number 10.911.30

ENERGY STATION

BT-PS 1700



12 V / 15 A
 12 V / 17 Ah
 18 bar
 230 V ~/50 Hz max. 100 W

50 Hz
 Out: SINUS
 0° - 40° C
 SHORT CIRCUIT PROTECTION
 OVERLOAD PROTECTION

GB Starting aid function 12 V / 600 A (3 s) | 12 high-power LEDs | Integrated 18 bar compressor | Battery charging control | Integrated warning triangle

8.6 / 9.0 kg 2
 325 x 195 x 265 mm

Article number 10.912.30

JUMPER CABLES

JUMPER CABLE BT-BO 16 A



12 V / 24 V max. 2500 ccm Petrol 3 m 25 mm² / 220 A

GB 4 all-insulated pole-pliers according to DIN (12 - 24 V) | Conductive material made of copper coated aluminium core | Incl. carrying bag

1.3 / 1.4 kg 6
300 x 300 x 55 mm

Article number 20.303.35



JUMPER CABLE BT-BO 16 A LED



12 V / 24 V max. 2500 ccm Petrol 3 m 25 mm² / 220 A

GB 4 all-insulated pole-pliers according to DIN (12 - 24 V) | Conductive material made of copper coated aluminium core | Pliers with LED-lighting | Incl. carrying bag

1.2 / 1.3 kg 6
300 x 300 x 55 mm

Article number 20.303.50



JUMPER CABLE BT-BO 25 A



12 V / 24 V max. 5500 ccm Petrol max. 3000 ccm Diesel 3.5 m



40 mm² / 350 A

GB 4 all-insulated pole-pliers according to DIN (12 - 24 V) | Conductive material made of copper coated aluminium core | Incl. carrying bag

2.4 / 2.5 kg 6
350 x 350 x 50 mm

Article number 20.303.45



NOTE ON JUMPER CABLES

The conductivity of our copper-coated aluminium cables is equivalent to that of a copper cable with the following cross section:

25 mm² (Al) = 16 mm² (Cu)
40 mm² (Al) = 25 mm² (Cu)
54.7 mm² (Al) = 35 mm² (Cu)

JUMPER CABLE BT-BO 25 A LED



12 V / 24 V max. 5500 ccm Petrol max. 3000 ccm Diesel 3.5 m



40 mm² / 350 A

GB 4 all-insulated pole-pliers according to DIN (12 - 24 V) | Conductive material made of copper coated aluminium core | Pliers with LED-lighting | Incl. carrying bag

1.7 / 1.8 kg 6
320 x 320 x 55 mm

Artikelnummer 20.303.55



JUMPER CABLE BT-BO 25 A SP



12 V / 24 V max. 5500 ccm Petrol max. 3000 ccm Diesel 3.5 m



40 mm² / 350 A

GB 4 all-insulated pole-pliers according to DIN (12 - 24 V) | Conductive material made of copper coated aluminium core | Integrated surge protection | Incl. carrying bag

1.9 / 2.1 kg 6
320 x 320 x 55 mm

Artikelnummer 20.311.15



JUMPER CABLE BT-BO 35 A



12 V / 24 V max. 7000 ccm Petrol max. 4000 ccm Diesel 4.5 m



54.7 mm² / 480 A

GB 4 all-insulated pole-pliers according to DIN (12 - 24 V) | Conductive material made of copper coated aluminium core | Incl. carrying bag

2.8 / 3.0 kg 6
350 x 350 x 60 mm

Artikelnummer 20.303.25

