



# Banner

*THE POWER COMPANY*



**CHARGER**



## ACCUCHARGER 6/12V 2A

### Fully Automatic 6/12V Charger

The most modern, microprocessor controlled charging technology of the Banner ACCUCHARGER series guarantees best battery charging, maximum safety and easiest handling.

The multicolor LED display shows the status of the charging. Ideal for charging motorcycle / automotive batteries and for safe maintaining charge of the battery for many months.



### FEATURES

**Battery Voltage:** 6 V and 12 V batteries, automatic voltage detection

**Charging Function:** fully automatic, 8-step charging, automatic switchover to conservation charging

**Display:** multicolor LED-Display

**Construction:** robust housing with edge protection, isolated quality clamps, mounting hook

**Safety Features:** protection against reverse polarity, over-voltage, sparks and short-circuit

**Contents:** charger, clamps, fused eyelets adapter, storage bag and instruction manual

### APPLICATION

Home / easy to use

6/12 V:



### TECHNICAL DATA

Type:	ACCUCHARGER 2A
Input Voltage:	230 V AC, 50 Hz
Battery Voltage:	6/12 V
Charging Voltage:	up to 14.7 V
Charging Current:	max. 2 A
Battery Capacity:	up to 46 Ah (recommended)
Protection:	IP54
Dimension:	18.5 x 8.5 x 6.5 cm
Charging Cable:	200 cm
Weight:	0.7 kg
Ambient Temperature:	-20 °C to +50 °C

### ITEM NUMBER

1240000020



## ACCUCHARGER 12V 3A

### Perfect Allround Charger

This fully automatic charger with large animated LED display provides step-by-step instructions for charging batteries in the languages English, German and French. Automatic measurement function displays the exact charging progress of the battery. This allround-ACCUCHARGER performs latest technology, very simple handling and highest protection features.



### FEATURES

**Charging Function:** fully automatic, 8-step charging, automatic switchover to maintaining mode

**Display:** animated LED display with precise instructions and information in plain text

**Construction:** robust housing with edge protection, isolated quality clamps, mounting hook

**Safety Features:** protection against reverse polarity, over-voltage, sparks and short-circuit

**Contents:** charger, clamps, fused eyelets adapter, storage bag and instruction manual

### APPLICATION

Home / easy to use

12 V:



### TECHNICAL DATA

Type:	ACCUCHARGER 3A
Input Voltage:	230 V AC, 50 Hz
Battery Voltage:	12 V
Charging Voltage:	up to 14.7 V
Charging Current:	max. 3 A
Battery Capacity:	up to 72 Ah (recommended)
Protection:	IP64
Dimension:	18.5 x 8.5 x 6.5 cm
Charging Cable:	200 cm
Weight:	0.7 kg
Ambient Temperature:	-20 °C to +50 °C

### ITEM NUMBER

1240000030





# Banner

THE POWER COMPANY

MAD012017

## ACCUCARGER 12V 6A

### Universal Charger

Powerful charger with fully automatic charging steps and overheating protection. The animated LED display provides step-by-step instructions for charging batteries in the languages English, German and French.

The microprocessor controlled charging technology revitalizes weak batteries, thus enabling a long battery lifetime.

This ACCUCARGER has maximum safety features, is very simple to use and comes with a large accessories package.



### FEATURES

**Charging Function:** fully automatic, 8-step charging, automatic switchover to maintaining mode

**Display:** animated LED display with precise instructions and information in plain text

**Construction:** robust housing with edge protection, isolated quality clamps, mounting hook

**Safety Features:** protection against reverse polarity, over-voltage, sparks and short-circuit

**Contents:** charger, clamps, fused eyelets adapter, storage bag and instruction manual

### APPLICATION

Home / easy to use

12 V:



### TECHNICAL DATA

Type:	ACCUCARGER 6A
Input Voltage:	230 V AC, 50 Hz
Battery Voltage:	12 V
Charging Voltage:	up to 14.7 V
Charging Current:	max. 6 A
Battery Capacity:	up to 130 Ah (recommended)
Protection:	IP20
Dimension:	14 x 18 x 6.5 cm
Charging Cable:	200 cm
Weight:	0.9 kg
Ambient Temperature:	-20 °C to +50 °C

### ITEM NUMBER

1240000060



# Banner

THE POWER COMPANY

MAD092017

## ACCUCHARGER 12V 10A Recovery

### Professional Charger including Recovery Function

This powerful, fully automatic 10A charger ensures perfect charging of large batteries. The animated LED display provides step-by-step instructions for charging batteries in different languages.

Most modern charging program including special developed **Recovery-Mode** for deep-discharged batteries, highest safety features and easy handling distinguish this power package. Ideal also for large vehicles such as sedans, SUVs, sports cars and vans.



### PERFORMANCE

**Charging Function:** fully automatic, 8-step charging, Recovery-Mode for deep-discharged batteries, automatic switchover to conservation charging

**Display:** animated LED display with precise instructions and information in plain text

**Construction:** robust housing with edge protection, isolated quality clamps, mounting hook

**Safety Features:** protection against reverse polarity, over-voltage, sparks and short-circuit

**Contents:** charger, clamps, fused eyelets adapter, storage bag and instruction manual

### APPLICATION

#### Workshop / Home

12 V:      



### TECHNICAL DATA

Type:	ACCUCHARGER 10A Recovery
Input Voltage:	230 V AC, 50 Hz
Battery Voltage:	12 V
Charging Voltage:	up to 14,7 V / 15,8 V in Recovery Mode
Charging Current:	max. 10 A
Battery Capacity:	up to 230 Ah (recommended)
Protection:	IP20
Dimension:	14 x 18 x 6,5 cm
Charging Cable:	200 cm
Weight:	0,9 kg
Ambient Temperature:	-20 °C to +50 °C

### ITEM NUMBER

1240000212



## ACCUCHARGER 24V 10A

### Automatic 24V Charger

The powerful, fully automatic 24V charger ensures perfect charging of 24V battery systems. The animated LED display provides step-by-step instructions in the languages English, German and French. Most modern charging program, highest safety features and easy handling distinguish this power package. Ideal for trucks, buses, transporter, construction machines and boats.



### FEATURES

**Charging Function:** fully automatic, 8-step charging, automatic switchover to maintaining mode

**Display:** animated LED display with precise instructions and information in plain text

**Construction:** robust housing with edge protection, isolated quality clamps, mounting hook

**Safety Features:** protection against reverse polarity, over-voltage, sparks and short-circuit

**Contents:** charger, clamps, fused eyelets adapter, storage bag and instruction manual

### APPLICATION

#### Workshop

24 V:



### TECHNICAL DATA

Type:	ACCUCHARGER 24V 10A
Input Voltage:	230 V AC, 50 Hz
Battery Voltage:	24 V
Charging Voltage:	up to 29.4 V
Charging Current:	max. 10 A
Battery Capacity:	up to 230 Ah (recommended)
Protection:	IP20
Dimension:	15.5 x 20 x 7 cm
Charging Cable:	200 cm
Weight:	1.0 kg
Ambient Temperature:	-20 °C to +50 °C

### ITEM NUMBER

1240000124



## Banner Multicharger 4x5A

### Fully automatic charger for 12 V batteries with 4 stations

Latest, microprocessor controlled charging technology guarantees optimum battery charging, maximum safety and easy handling.

The LED display shows the status of charge at each individual charging station.

Ideal for recharging of stored batteries in stocks or workshops and for safe maintaining several batteries over many months.



### FEATURES

**Battery Voltage:** for 12 V batteries

**Charging Function:** fully automatic, 5-step charging, automatic switchover to conservation charging

**Display:** multicolor LED-Display for each station

**Construction:** robust housing, isolated quality clamps

**Safety Features:** protection against reverse polarity, over-voltage and short-circuit

**Mounting:** suitable for desk or wall mounting

**Contents:** charger, 4 x clamps and instruction manual

### APPLICATION

**Shop, Stock, Workshop**

12 V Batteries



### TECHNICAL DATA

<b>Type:</b>	Mutlicharger 4x5A
<b>Input Voltage:</b>	220-240 VAC, 50/60 Hz
<b>Battery Voltage:</b>	12 V
<b>Charging Voltage:</b>	up to 14.7 V
<b>Charging Currant:</b>	max. 5 A per station
<b>Protection:</b>	IP20
<b>Protection:</b>	35 x 19 x 7.5 cm
<b>Charging Cable:</b>	180 cm
<b>Weight:</b>	2.5 kg
<b>Ambient Temperature:</b>	-0 °C bis +50 °C

### ITEM NUMBER

1240004500





# Banner

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MAD012018

## ACCUCHARGER Pro 25A

### Professional Charging

Fully automatic battery charging including a special Refresh Mode for deep discharged batteries.  
Large graphic display for easy handling.  
Setting for battery buffering, battery replacement and power supply mode.  
Perfect for workshops and also for emergency vehicles.



### FEATURES

**Charging:** automatic charging and buffering of parallel load  
**Diagnostics and software update:** buffer operation supplies the vehicle during diagnostics  
**Battery replacement:** backup mode saves vehicle data during changing batteries  
**Power supply mode:** external supply without battery  
**Refresh-Modus:** regenerates deeply discharged batteries  
**Self-detecting preselection of battery voltage:** 6V, 12V and 24V  
**Pluggable charging and mains cables:** for easy changing  
**Edge protection:** for stability and protection against damage  
**Optional USB interface:** for software updates

### APPLICATION

#### Professional Range

6 / 12 / 24 V:



### TECHNICAL DATA

Type:	Banner Accucharger Pro 25A
Main Voltage:	230 V AC, 50/60 Hz
Battery Voltage:	6 V / 12 V / 24 V DC
Charging Voltage:	14.8 V, 16 V in Refresh Modus
Charging Current:	max. 25 A
Battery Capacity:	3 to 250 Ah
Protection Rate:	IP40
Dimensions:	270 x 168 x 100 mm
Charging Cable:	2.5 m (optional 5 m)
Weight:	2.0 kg
Temperature Range:	-20 °C to +40 °C

### ITEM-NUMBER

1232403025





## ACCUCHARGER PRO 35A

**Special charger with graphic display and regeneration mode for deeply discharged batteries.**

The Banner Accucharger PRO 35A not only revitalises deep discharged Ca/CA batteries, but also AGM batteries. With special Banner characteristic in the refresh mode!



### FEATURES

**Applications:** cars, trucks, buses, motorcycles, emergency vehicles, construction machinery

**Charging:** automatic charging and cushioning of parallel consumers

**Diagnosis and software update:** buffer operation supplies the vehicle during the diagnosis process

**Battery changes:** support operation ensures the retention of vehicle data during battery changes

**Mains part mode:** external supply without a battery

**Refresh mode** regenerates deep discharged batteries

**Self-recognising battery voltage pre-selection** at 6V, 12V and 24V

**Plug-in charging and mains cables**

**Edge protection for stability** and protection against paint damage

**Optional USB interface** for software updates

**Expert mode:** facilitates configuration by the user for the setting of the end charge voltage, retention charge voltage and constant buffer operation voltage

### TECHNICAL DATA

<b>Type:</b>	Accucharger Pro 35A
<b>Mains voltage:</b>	230 V AC; $\pm 15\%$ , 50/60 Hz
<b>Charging current:</b>	max. 35 A
<b>Battery capacity:</b>	3 -350 Ah
<b>Rated charging voltage:</b>	6V/12V/24V
<b>Refresh mode charging voltage:</b>	wet 16 V, AGM 14.8V
<b>Charging characteristic:</b>	IUoU / IU
<b>Dimensions:</b>	247 x 162 x 88 mm
<b>Weight:</b>	2.0 kg
<b>Standard charging cable length:</b>	2.5 m (optional 5m)
<b>Standard mains cable length:</b>	2 m (optional 5m)
<b>Wall holder:</b>	snap-in optional

### ITEM NUMBER

1232403035



# Banner

THE POWER COMPANY

MAD012018

## ACCUCHARGER Pro 100A

### 12V professional charger with flash mode for software update

Extremely powerful charger guarantees perfect charging even for very large batteries. Latest charging programs with a choice between fully automatic or manual setting. A special **flash mode** for software updates provides constant voltage with a current up to 100A. Best safety features, robust design and easy handling characterize this power package. Ideal for specialist workshops and car service centers.



### FEATURES

**Charging function:** fully automatic charging program, manual mode, desulfation mode and FLASH program with constant voltage (I<sub>max</sub> 100A).

**Display:** large LED display shows current and voltage

**Design:** robust aluminum housing with carrying handle, high quality fully insulated clamps

**Safety:** protection for reverse polarity, overvoltage and short circuit

**Scope of delivery:** charger, heavy duty charging cable, manual

### APPLICATION

#### Professional Range

12 V:



### TECHNICAL DATA

Type:	ACCUCHARGER Pro 100A
Main Voltage:	230 V AC, 50 Hz
Battery Voltage:	12 V
Charging Voltage:	up to 14.8 V
Charging Current:	4A / 20 A / 70A / 100A (3 min)
Battery Capacity:	up to 250 Ah
Protection Rate:	IP20
Dimensions:	33 x 11 x 24 cm
Charging Cable:	5.0 m
Weight:	4.5 kg
Temperature Range:	-20 °C to +40 °C

### ITEM-NUMBER

1240005100



## PROFILADER

### The versatile charger for your batteries.

This device has a steel sheet housing and flexibly matches the demands of the charging process. The rated voltage extends from 12 – 120 V and in addition, virtually all characteristics are adjustable. The Profilader has four robust casters in order to allow simple transport.



## FEATURES

- Ideal for trickle charging
- Automatic connection checks
- Display module for information concerning the charging program and sequence
- Operating status signalling using four light diodes
- Automatic error display
- Main charging time monitoring
- Protection against reverse polarity
- Virtually all characteristics are adjustable
- Casters for simple transport

## TECHNICAL DATA

<b>Model:</b>	Profilader
<b>Voltage:</b>	400 V AC
<b>Rated voltage:</b>	12 / 24 / 36 / 48 / 80 / 120 V
<b>Output:</b>	4.9 kVA
<b>Charging voltage:</b>	max. 2–144 V
<b>Charging current:</b>	30 A
<b>Mains current:</b>	3 x 12 A
<b>Ambient temperature:</b>	0° C to +40° C
<b>Battery types:</b>	wet, gel
<b>Characteristic:</b>	Ia, IUa, IUoU
<b>Battery capacity:</b>	3–300 Ah
<b>Type of protection:</b>	IP 21
<b>Dimensions:</b>	500 x 700 x 360 mm
<b>Weight:</b>	80 kg

## ITEM NUMBER

1200006000





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