

Battery chargers



Booster cables

- ▶ Fully insulated terminal clamps
- ▶ Plastic sheathed
- ▶ Without overvoltage protection



▶ Fully insulated terminal clamps

Scope of delivery:

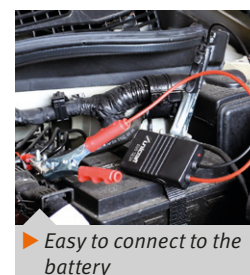
- 1 Booster cable red
- 1 Booster cable black
- Round plastic bag with zip

Model	Booster cable 16mm ² length 3m	Booster cable 25mm ² length 3.5m	Booster cable 35mm ² length 4.5m
Art. no.	6860000	6860001	6860002
Technical specifications			
Cable length	2 x 3 m	2 x 3.5 m	2 x 4.5 m
Cable cross-section	16 mm ²	25 mm ²	35 mm ²
Max. current load	220 A	350 A	480 A
Current-carrying material	Copper laminated aluminium (CCA)		
Standard	DIN 72553-16	DIN 72553-25	DIN 72553-35
Suitable for batteries	12/24 V	12/24 V	12/24 V
Suitable for engines	Petrol	Petrol/Diesel	Petrol/Diesel
Weight (pair)	1.8 kg	2.2 kg	2.5 kg

Electronic overvoltage protection EUS 12/24 –

To protect the on-board electronics of vehicles against voltage peaks

- ▶ Voltage peaks are continuously absorbed and suppressed
- ▶ To protect the vehicle electric system against damage, e.g., caused by welding work on the body without disconnecting the battery
- ▶ Red LED shows active overload protection
- ▶ With reverse-polarity protection
- ▶ Premium and robust design of the device guarantees a long service life
- ▶ Very easy to use



▶ Easy to connect to the battery

Model		EUS 12/24
Art. no.		6401012
Technical specifications		
Supply voltage	V	12 / 24
Current type		DC
Fuse	A	T3, 15
Output cable length	mm	550
Degree of protection		IP 20
Charging applications		Motorcycles, cars, vans, goods vehicles <7.5t
Length x width x height	mm	90 x 55 x 20
Weight	kg	0.22

Standard equipment

- Voltage peak protection
- Reverse polarity short circuit protection
- Audible signal in case of voltage peaks
- Cable +/- with standard crocodile clips

Overview of battery chargers

	Model	BC 14	ABC 8	ABC 11	ABC 40	EBC 7	EBC 15R	EBC 35R	BC 17 S	BC 32 S	BC 350 S	BC 550 S
	Art. no.	6850100	6850200	6850205	6850210	6850300	6850305	6850310	6850400	6850405	6850410	6850415
												
Charger	manual	●							●	●	●	●
	automatic		●	●	●							
	electronic					●	●	●				
Start booster unit	AGM battery											
	Lithium battery											
Voltage	6V-12V					●						
	12 V		●	●			●		●			
	12V-24V	●			●			●		●	●	●
	24 V											
Batterie type	WET*	●	●	●	●	●	●	●	●	●	●	●
	AGM**		●	●	●	●	●	●				
	GEL***		●	●	●	●	●	●				
Function	Charging	●	●	●	●	●	●	●	●	●	●	●
	Maintenance		●	●	●	●	●	●				
	Start booster								●	●	●	●
	Fused start booster											
	Recovery						●	●				
	Supply						●	●				
Symbol	Abbreviation: Designation	BC 14	ABC 8	ABC 11	ABC 40	EBC 7	EBC 15R	EBC 35R	BC 17 S	BC 32 S	BC 350 S	BC 550 S
	Function	L	L	L	L	L	L	L	L S	L S	L S	L S
	Bike: Motorcycle	●	●	●	●	●	●	●	●	●	●	●
	Car: Passenger vehicle	●	●	●	●	●	●	●	●	●	●	●
	MPV: Small coaches	●	●	●	●	●	●	●	●	●	●	●
	ST: Small transporters <3.5 t	●		●	●		●	●	●	●	●	●
	Boats: Motor boats with 2 batteries					●	●			●	●	●
	LCV<7,5t: Light commercial vehicles < 7.5 t	●			●		●	●		●		●
	Ag: Agricultural vehicles, tractors				●			●	●		●	●
	Con: Construction vehicles							●				●
	Truck>7.5t/HGV: Heavy goods vehicles, semi-trailer units, commercial vehicles, coaches/buses, tractor units, etc.											

*WET (liquid electrolyte) **AGM (absorbed glass mat) ***GEL (Gel electrolyte absorbed in plates) L = Charge S = Start

	Model	MBC 55 S	MBC 550 S	ABC 350 S	ABC 550 S	ABC 950 S	MBC 750 S	SB 500	SB 200 MS						
	Art. no.	6850500	6850505	6850450	6850455	6850460	6850510	6850605	6850650						
															
Charger	manual														
	automatic			●	●	●									
	electronic	●	●				●								
Start booster unit	AGM battery							●							
	Lithium battery								●						
Voltage	6V-12V														
	12 V								●						
	12V-24V	●	●	●	●	●	●	●							
	24 V														
Batterie type	WET*	●	●	●	●	●	●	●	●						
	AGM**	●	●	●	●	●	●	●	●						
	GEL***	●	●	●	●	●	●	●	●						
Function	Charging	●	●	●	●	●	●								
	Maintenance	●	●	●	●	●	●								
	Start booster	●	●	●	●	●	●	●	●						
	Fused start booster	●	●	●	●	●	●	●	●						
	Recovery	●	●				●								
	Supply	●	●				●		●						
Symbol	Abbreviation: Designation	MBC 55 S		MBC 550 S		ABC 350 S		ABC 550 S		ABC 950 S		MBC 750 S		SB 500	SB 200 MS
	Function	L	S	L	S	L	S	L	S	L	S	L	S	S	S
	Bike: Motorcycle	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Car: Passenger vehicle	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	MPV: Small coaches	●	●	●	●							●	●	●	●
	ST: Small transporters <3.5 t	●	●	●	●							●	●	●	●
	Boats: Motor boats with 2 batteries	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	LCV<7,5t: Light commercial vehicles < 7.5 t	●	●	●	●					●	●	●	●	●	
	Ag: Agricultural vehicles, tractors	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Con: Construction vehicles	●	●	●	●			●		●	●	●	●	●	
	Truck>7.5t/HGV: Heavy goods vehicles, semi-trailer units, commercial vehicles, coaches/ buses, tractor units, etc.	●	●	●	●			●		●	●	●	●	●	●

*WET (liquid electrolyte) **AGM (absorbed glass mat) ***GEL (Gel electrolyte absorbed in plates) L = Charge S = Start

Battery chargers



BC 14 – Manual battery charger for wet batteries with a charge voltage of 12 or 24 Volt

- ▶ Robust solution for use with most motor vehicles - from motorcycles through to small transporters, up to 7.5 tonne light trucks

- ▶ Rugged steel sheet device housing and flame-resistant plastic
- ▶ Two years manufacturer warranty

- ▶ Charging cycle as per W characteristic curve with falling current level and rising voltage

▶ Analogue amperemeter

▶ Normal or fast charging configurable

Model	BC 14
Art. no.	6850100

Technical specifications	
Charging voltage	12 V 24 V
Charging current	7 A 4 A
Charging capacity	15 - 100 Ah
Output / Voltage	140 W / 230 V
Charge cycles	4
Suitable for battery types	Wet
Charging applications	Bike, car, MPV, ST, Truck <7.5t
Dimensions (L x W x H)	250 x 150 x 210 mm
Weight	3.8 kg



Standard equipment

- Analogue amperemeter
- Charging cable short circuit protection
- Reverse polarity short circuit protection
- Thermal protection switch with auto-reset
- Charging cable +/- with standard crocodile clips
- Connecting cable 230 Volt with safety connector

ABC 40 – Professional, automatic battery charger/maintenance device for wet, gel and AGM batteries with a charging voltage of 12 and 24 Volt



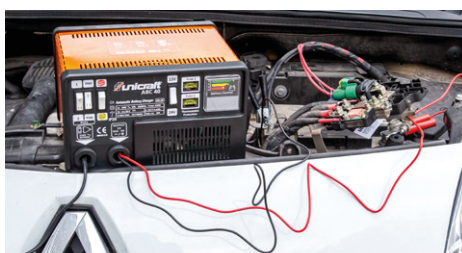
- ▶ Easy to operate model with microprocessor control
- ▶ Suitable for motorcycles, cars, agricultural vehicles and trucks up to 7.5 tonnes

- ▶ Automatic charging cycle control as per the WUoU characteristic with two different phases: the first as per the W characteristic with a falling current level and rising voltage up to the nominal charge voltage, the second as per the UoU characteristic

- ▶ Due to automatic switchover between charging and maintenance operation, the battery can be permanently connected. Perfect, e.g., for winter storage of vehicles.

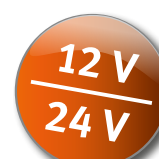
▶ Automatic charging and charge conservation

▶ Normal or fast charging configurable



Model	ABC 40
Art. no.	6850210

Technical specifications	
Charging voltage	12 V 24 V
Charging current	12 A 7 A
Charging capacity	10 - 180 Ah
Output / Voltage	400 W / 230 V
Number of operating modes	8
Suitable for battery types	Wet, Gel, AGM
Charging applications	Bike, car, Ag, Truck <7.5t
Dimensions (L x W x H)	250 x 210 x 280 mm
Weight	8 kg



Standard equipment

- LED signal for reverse polarity, incorrect voltage or malfunction
- LED signal for charging and end of charging
- Charging cable short circuit protection
- Reverse polarity short circuit protection
- Thermal protection switch with auto-reset
- Charging cable +/- with standard crocodile clips
- Connecting cable 230 Volt with safety connector

ABC 8 – Automatic battery charger/maintenance device with electronic control for wet, gel and AGM batteries with a charging voltage of 12 Volt

- ▶ For use with motorcycles, cars, and MPVs
- ▶ Easy to use thanks to automatic control
- ▶ Due to automatic switchover between charging and maintenance operation, the battery can be permanently connected. Perfect, e.g., for winter storage of vehicles.
- ▶ Convenient to transport due to low weight and ergonomic carrying handle

- ▶ Automatic charging and charge conservation
- ▶ Normal or fast charging configurable

Model	ABC 8
Art. no.	6850200

Technical specifications	
Charging voltage	12 V
Charging current	4 A
Charging capacity	20 - 70 Ah
Output / Voltage	80 W / 230 V
Number of operating modes	2
Suitable for battery types	Wet, Gel, AGM
Charging applications	Bike, car, MPV
Dimensions (L x W x H)	200 x 75 x 190 mm
Weight	2.1 kg



12 V

Scope of delivery:
Carrying handle
Storage compartments for power and charging cables

Standard equipment
LED signal for reverse polarity, incorrect voltage or malfunction
LED signal for charging and end of charging
Charging cable short circuit protection
Reverse polarity short circuit protection
Thermal protection switch with auto-reset
Charging cable +/- with standard crocodile clips
Connecting cable 230 Volt with safety connector

ABC 11 – Automatic battery charger/maintenance device with electronic control for wet, gel and AGM batteries with a charging voltage of 12 Volt

- ▶ Suitable for use with motorcycles, cars, MPVs and small transporters
- ▶ Easy to use thanks to automatic control
- ▶ Due to automatic switchover between charging and maintenance operation, the battery can be permanently connected. Perfect, e.g., for winter storage of vehicles.
- ▶ Convenient to transport due to low weight and ergonomic carrying handle

- ▶ Automatic charging and charge conservation
- ▶ Normal or fast charging configurable

Model	ABC 11
Art. no.	6850205

Technical specifications	
Charging voltage	12 V
Charging current	8 A
Charging capacity	20 - 110 Ah
Output / Voltage	110 W / 230 V
Number of operating modes	4
Suitable for battery types	Wet, Gel, AGM
Charging applications	Bike, car, MPV, ST
Dimensions (L x W x H)	255 x 95 x 235 mm
Weight	2.7 kg



12 V

Scope of delivery:
Carrying handle
Storage compartments for power and charging cables

Standard equipment
LED signal for reverse polarity, incorrect voltage or malfunction
LED signal for charging and end of charging
Charging cable short circuit protection
Reverse polarity short circuit protection
Thermal protection switch with auto-reset
Charging cable +/- with standard crocodile clips
Connecting cable 230 Volt with safety connector

Battery chargers

ABC 350 S – Professional, automated battery charger/starter device for wet, gel and AGM batteries with a charging voltage of 12 and 24 Volt



- ▶ Suitable for professional use
- ▶ Automatic operation provides 100 % protection of vehicle electronics against voltage peaks (starting)
- ▶ Automatic operation switches over to (charge) conservation at end of charging
- ▶ Thermal overload protection

› Automatic charging and charge conservation

› For normal and fast charging

Model	ABC 350 S
Art. no.	6850450

Technical specifications		
Charging voltage	12 V	24 V
Charging current	45 A	30 A
Charging capacity	30 - 350 Ah	
Startup output	200 A	
Peak output	300 A	
Output / Voltage	1000 - 5000 W / 230 V	
Number of operating modes	6	
Suitable for battery types	WET/GEL/AGM	
Charging applications	Motorcycles, cars, Ag, boats	
Starting applications	Motorcycles, cars, Ag, boats	
Dimensions (L x W x H)	330 x 245 x 730 mm	
Weight	14.6 kg	



Scope of delivery:

Storage compartment for cables
Chassis (transport handle, wheel set)

Standard equipment

Digital ammeter
Charge and starting current display
LED signal for charging and end of charging
Charging cable short circuit protection
Reverse polarity short circuit protection
Overload protection
Thermal protection switch with auto-reset
Charging cable +/- with standard crocodile clips
Connecting cable 230 Volt with safety connector

ABC 550 S – Professional, automated battery charger/starter device for wet, gel and AGM batteries with a charging voltage of 12 and 24 Volt



- ▶ Suitable for professional use
- ▶ Automatic operation provides 100 % protection of vehicle electronics against voltage peaks (starting)
- ▶ Automatic operation switches over to (charge) conservation at end of charging
- ▶ Thermal overload protection

› Automatic charging and charge conservation

› For normal and fast charging

Model	ABC 550 S
Art. no.	6850455

Technical specifications		
Charging voltage	12 V	24 V
Charging current	75 A	50 A
Charging capacity	30 - 550 Ah	
Startup output	300 A	
Peak output	400 A	
Output / Voltage	1 500 - 10 000 W / 230 V	
Number of operating modes	6	
Suitable for battery types	WET/GEL/AGM	
Charging applications	Motorcycles, cars, Ag, boats, trucks<7.5t, construction vehicles	
Starting applications	Motorcycles, cars, boats	
Dimensions (L x W x H)	330 x 280 x 800 mm	
Weight	18.7 kg	



Scope of delivery:

Storage compartment for cables
Chassis (transport handle, wheel set)

Standard equipment

Digital ammeter
Charge and starting current display
LED signal for charging and end of charging
Charging cable short circuit protection
Reverse polarity short circuit protection
Overload protection
Thermal protection switch with auto-reset
Charging cable +/- with standard crocodile clips
Connecting cable 230 Volt with safety connector

ABC 950 S – Professional, automated battery charger/starter device for wet, gel and AGM batteries with a charging voltage of 12 and 24 Volt

- Suitable for professional use
- Automatic operation provides 100 % protection of vehicle electronics against voltage peaks (starting)
- Automatic operation switches over to (charge) conservation at end of charging

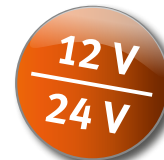
- Thermal overload protection
- Fast start can also be activated via remote start. For example, from inside the vehicle thanks to 3.35 m cable length
- Fast charging controllable manually or via timer

- Device can be operated with 230 or 400 Volt power supply

- Automatic charging and charge conservation
- For normal and fast charging
- Fast start also via remote start controller
- Fast charging with timer

Model	ABC 950 S
Art. no.	6850460

Technical specifications		
Charging voltage	12 V	24 V
Charging current	180 A	120 A
Charging capacity	30 - 1 000 Ah	
Startup output	1 000 A	
Peak output	1 500 A	
Output / Voltage	3 000 - 20 000 W / 400 V	
Number of operating modes	6	
Suitable for battery types	WET/GEL/AGM	
Charging applications	Motorcycles, cars, Ag, boats, trucks<7.5t, trucks>7.5t, building sites	
Starting applications	Motorcycles, cars, Ag, boats, trucks<7.5t, trucks>7.5t, building sites	
Dimensions (L x W x H)	770 x 560 x 330 mm	
Weight	68 kg	



Scope of delivery:
Chassis (transport handle, wheel set)

Standard equipment

Digital ammeter
Digital voltmeter
LED signal for reverse polarity, incorrect voltage or malfunction
LED signal for charging and end of charging
Charging cable short circuit protection
Reverse polarity short circuit protection
Overload protection
Thermal protection switch with auto-reset
Charging cable +/- with standard crocodile clips
Connecting cable for 230V or 400V operation without connector

EBC 7 – Electronic battery charger/maintenance device for wet, gel and AGM batteries with a charging voltage of 6 and 12 Volt Great range of functions in a handy package.

- Very easy to use thanks to ergonomic and clear-cut design
- Optimal control through all phases of the automatic charging cycle and maintenance operation via illuminated display

- Optimal charging of the battery also in sub-0 °C temperatures with special winter mode. The device uses a higher charging current and higher voltage in this mode.

- IP65: Device is dust-tight and protected against splash water from any angle

- Winter mode
- Battery voltage test
- Dust-tight and protected against splash water as per IP 65
- Test of alternator charge voltage
- Automatic battery voltage detection

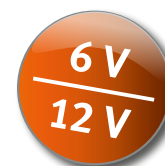


Model	EBC 7
Art. no.	6850300

Technical specifications	
Charging voltage	6 / 12 V
Charging current	1 - 4 A
Charging capacity	4 - 80 Ah
Maintenance capacity	4 - 120 Ah
Output / Voltage	70 W / 230 V
Number of operating modes	6
Suitable for battery types	Wet, Gel, AGM
Charging applications	Bike, car, MPV
Dimensions (L x W x H)	190 x 80 x 50 mm
Weight	0.75 kg

Scope of delivery:

Charging cable +/- 150 cm with quick release plug connection
Charging cable +/- 50 cm with quick release connectors and crocodile clips
Charging cable +/- 50 cm with quick release connectors and M6 ring clamps
Mounting bracket



Standard equipment

Automatic battery voltage detection
Winter mode
Digital display for device functions and status
LED signal for reverse polarity, incorrect voltage or malfunction
Acoustic signal for reverse polarity, incorrect voltage or malfunction
Charging cable short circuit protection
Reverse polarity short circuit protection
Charging cable +/- with standard crocodile clips
Charging cable +/- with M6 eye clamps
Connecting cable 230 Volt with safety connector

Battery chargers

EBC 15 R – Electronic battery charger/maintenance device for wet, gel and AGM batteries with a charging voltage of 12 Volt Great range of functions in a handy package.

- ▶ Very easy to use thanks to ergonomic and clear-cut design
- ▶ Optimal control through all phases of the automatic charging cycle and maintenance operation via illuminated display

- ▶ Can be used in maintenance charging mode as a power supply for keeping the vehicle's electronics settings. Important for recent cars where a battery change can only be performed in this mode

- ▶ For regenerating batteries following short-term deep discharge
- ▶ **Restart function:** In case of power failure, the device keeps the charge state for up to twelve hours and restarts at this point when power is restored. Without a restart function it would start again from the beginning
- ▶ **IP65:** Device is dust-tight and protected against splash water from any angle

› Regeneration function

› Backup charging operation (memory saver)

› Dust-tight and protected against splash water as per IP 65

› Restart function

Model	EBC 15 R
Art. no.	6850305

Technical specifications	
Charging voltage	12 V
Charging current	2 - 8 A
Charging capacity	5 - 160 Ah
Maintenance capacity	5 - 250 Ah
Output / Voltage	140 W / 230 V
Number of operating modes	9
Suitable for battery types	Wet, Gel, AGM
Charging applications	Motorcycles, cars, MPUs, small transporters, trucks<7.5t, boats
Dimensions (L x W x H)	230 x 100 x 65 mm
Weight	1 kg



Scope of delivery:

Charging cable +/- 150 cm with quick release plug connection
 Cable +/- 50 cm with quick release connectors and crocodile clips
 Charging cable +/- 50 cm with quick release connectors and M6 ring clamps
 Mounting bracket

Standard equipment

Backup charging operation (memory saver)
 Digital display for device functions and status
 LED signal for reverse polarity, incorrect voltage or malfunction
 Acoustic signal for reverse polarity, incorrect voltage or malfunction
 LED signal for charging and end of charging
 Charging cable short circuit protection
 Reverse polarity short circuit protection
 Charging cable +/- with standard crocodile clips
 Charging cable +/- with M6 eye clamps
 Connecting cable 230 Volt with safety connector

EBC 35 R – Electronic battery charger/maintenance device for wet, gel and AGM batteries with a charging voltage of 12 or 24 Volt



- ▶ Very easy to use thanks to ergonomic and clear-cut design
- ▶ Buttons for setting the charging functions, battery type and battery voltage
- ▶ Charging and maintenance are automatic in line with special characteristic curves geared to the battery type

- ▶ Three-phase diagnostics mode
- ▶ Processor-controlled eight-phase charging cycle
- ▶ For regenerating batteries following short-term deep discharge
- ▶ Can be used in maintenance charging mode as a power supply for keeping the vehicle's

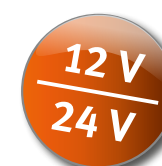
electronics settings. Important for recent cars where a battery change can only be performed in this mode

› Regeneration function

› Backup charging operation (memory saver)

Model	EBC 35 R
Art. no.	6850310

Technical specifications		
Charging voltage	12 V	24 V
Charging current	15 A	7.5 A
Charging capacity	30 - 330 Ah	
Maintenance capacity	30 - 500 Ah	
Output / Voltage	350 W / 230 V	
Number of operating modes	16	
Suitable for battery types	Wet, Gel, AGM	
Charging applications	Motorcycles, cars, MPUs, small transporters, trucks>7.5t, boats, Ag, construction vehicles	
Dimensions (L x W x H)	260 x 135 x 72 mm	
Weight	1.8 kg	



Scope of delivery:

Transport case

Standard equipment

Backup charging operation (memory saver)
 Digital display for charging voltage and current
 Battery status display
 LED signal for reverse polarity, incorrect voltage or malfunction
 Acoustic signal for reverse polarity, incorrect voltage or malfunction
 LED signal for charging and end of charging
 Charging cable short circuit protection
 Reverse polarity short circuit protection
 Charging cable +/- with standard crocodile clips
 Connecting cable 230 Volt with safety connector

BC 17 S – Portable battery charging/start booster device for 12 Volt wet batteries

BC 32 S – Portable battery charging/start booster device for 12 and 24 Volt wet batteries

- ▶ For quick starting of motorcycles and cars
- ▶ Selector switch for normal and fast charging
- ▶ Overload, short circuit and reverse polarity protected
- ▶ Charging current can be read off on analogue amperemeter

Model	BC 17 S	BC 32 S
Art. no.	6850400	6850405

Technical specifications		
Charging voltage	12 V	12 V 24 V
Charging current	12 A	30 A 26 A
Charging capacity	20 - 150 Ah	30 - 350 Ah
Startup output	60 A	160 A
Peak output	100 A	250 A
Output / Voltage	200 - 1 200 W / 230 V	850 - 4 000 W / 230 V
Number of operating modes	4	6
Suitable for battery types	Wet	Wet
Charging applications	Bike, car, MPV, ST, Ag	Bike, car, MPV, ST, trucks<7.5t, boats, Ag
Starting applications	Bike, car	Bike, car, MPV, ST
Dimensions (L x W x H)	150 x 265 x 335 mm	
Weight	5.8 kg 10 kg	



Standard equipment

- Normal and fast charging
- Analogue amperemeter
- Charging cable short circuit protection
- Reverse polarity short circuit protection
- Overload protection
- Thermal protection switch with auto-reset
- Charging cable +/- with standard crocodile clips
- Connecting cable 230 Volt with safety connector

BC 350S – Mobile battery charging/start booster device for 12 and 24 Volt wet batteries

- ▶ Suitable for quick starting of cars, MPVs, transporters, motorboats and tractors
- ▶ Displays the charging and starting current via amperemeter
- ▶ Overload, short circuit and reverse polarity protected
- ▶ Voltage peak protection thanks to varistor
- ▶ Rugged steel sheet device housing and flame-resistant plastic
- ▶ **W charging characteristic:** Charging cycle as per W characteristic with falling current level and rising voltage

▶ For normal and fast charging

Model	BC 350 S
Art. no.	6850410

Technical specifications		
Charging voltage	12 V	24 V
Charging current	30 A	30 A
Charging capacity	30 - 350 Ah	
Startup output	200 A	
Peak output	300 A	
Output / Voltage	1 000 - 5 000 W / 230 V	
Number of operating modes	6	
Suitable for battery types	Wet	
Charging applications	Bike, car, MPV, ST, Ag, boats	
Starting applications	Car, ST, MPV, Ag, boats	
Dimensions (L x W x H)	330 x 245 x 730 mm	
Weight	14 kg	



Scope of delivery:

Chassis (transport handle, wheel set)

Standard equipment

- Analogue amperemeter
- Charging cable short circuit protection
- Reverse polarity short circuit protection
- Overload protection
- Thermal protection switch with auto-reset
- Charging cable +/- with standard crocodile clips
- Connecting cable 230 Volt with safety connector

Battery chargers

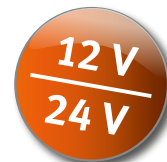
BC 550S – Mobile battery charging/start booster device for 12 and 24 Volt wet batteries



- Suitable for quick starting of cars, MPVs, transporters and motorboats
- Overload, short circuit and reverse polarity protected

- Displays the charging and starting current via amperemeter
- Voltage peak protection thanks to varistor

- Rugged steel sheet device housing and flame-resistant plastic
- **W charging characteristic:** Charging cycle as per W characteristic with falling current level and rising voltage



► For normal and fast charging

Model	BC 550 S	
Art. no.	6850415	
Technical specifications		
Charging voltage	12 V	24 V
Charging current	50 A	50 A
Charging capacity	30 - 550 Ah	
Startup output	300 A	
Peak output	500 A	
Output / Voltage	1 500 - 10 000 W / 230 V	
Number of operating modes	6	
Suitable for battery types	Wet	
Charging applications	Bike, car, MPV, ST, Ag, boats, truck<7.5t, construction	
Starting applications	Car, MPV, ST, Ag, boats	
Dimensions (L x W x H)	330 x 280 x 800 mm	
Weight	18 kg	

Scope of delivery:

Chassis (transport handle, wheel set)

Standard equipment

Digital ammeter
Charging cable short circuit protection
Reverse polarity short circuit protection
Overload protection
Thermal protection switch with auto-reset
Charging cable +/- with standard crocodile clips
Connecting cable 230 Volt with safety connector

MBC 55 S – Professional, multifunctional battery charger/starter device for wet, gel and AGM batteries with a charging voltage of 12 and 24 Volt



- Suitable for all vehicles from motorcycles, through semi-trailers to motorboats.
- Excellent operating safety in fast and conservation charging mode
- Microprocessor-controlled device

- Automatic charging cycles with up to ten charging and analysis phases
- Three programmed charging cycles, one manual charging cycle
- 100 % protection of vehicle electronics against voltage peaks during starting

- Can be used in maintenance charging mode as a power supply for keeping the vehicle's electronics settings. Important for recent cars where a battery change can only be performed in this mode

► For normal and fast charging

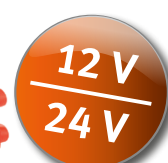
► Bench-top model

► Backup charging operation (memory saver)

► Regeneration and conservation function

Model	MBC 55 S
Art. no.	6850500

Technical specifications		
Charging voltage	12 V	24 V
Charging current	50 A	50 A
Charging capacity	4 - 550 Ah	
Startup output	300 A	
Peak output	400 A	
Output / Voltage	1 500 - 10 000 W / 230 V	
Number of operating modes	6	
Suitable for battery types	Wet, Gel, AGM	
Charging applications	Motorcycles, cars, MPVs, STs, Ag, boats, trucks<7.5t, trucks>7.5t, commercial vehicles, building sites	
Starting applications	Motorcycles, cars, MPVs, STs, Ag, boats, trucks<7.5t, trucks>7.5t, commercial vehicles, building sites	
Dimensions (L x W x H)	310 x 250 x 400 mm	
Weight	19 kg	



Scope of delivery:

Carrying handle
Cable holders

Standard equipment

Backup charging operation (memory saver)
Continuous selection of charging current
Digital display for charging voltage and current
Digital ammeter
Battery status display
Charging and start voltage display
LED signal for reverse polarity, incorrect voltage or malfunction
LED signal for charging and end of charging
Charging cable short circuit protection
Reverse polarity short circuit protection
Overload protection
Thermal protection switch with auto-reset
Charging cable +/- with standard crocodile clips
Connecting cable 230 Volt with safety connector

MBC 550S – Professional, multifunctional battery charger/starter device for wet, gel and AGM batteries with a charging voltage of 12 and 24 Volt

- Suitable for all vehicles from motorcycles, through semi-trailers to motorboats.
- Excellent operating safety in fast and conservation charging mode
- Microprocessor-controlled device

- Automatic charging cycles with up to ten charging and analysis phases
- Three programmed charging cycles, one manual charging cycle
- 100 % protection of vehicle electronics against voltage peaks during starting

- Can be used in maintenance charging mode as a power supply for keeping the vehicle's electronics settings. Important for recent cars where a battery change can only be performed in this mode

► Model with chassis

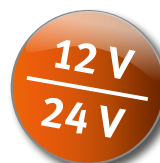
► Backup charging operation (memory saver)

► Regeneration and conservation function

► For normal and fast charging

Model	MBC 550 S
Art. no.	6850505

Technical specifications		
Charging voltage	12 V	24 V
Charging current	75 A	50 A
Charging capacity	4 - 550 Ah	
Startup output	300 A	
Peak output	400 A	
Output / Voltage	1 500 - 10 000 W / 230 V	
Number of operating modes	6	
Suitable for battery types	Wet, Gel, AGM	
Charging applications	Bikes, cars, MPVs, STs, boats, trucks<7.5t, Ag, construction, trucks>7.5t	
Starting applications	Bikes, cars, MPVs, STs, boats, trucks<7.5t, Ag, construction, trucks>7.5t	
Dimensions (L x W x H)	380 x 310 x 980 mm	
Weight	22 kg	



Scope of delivery:

Chassis (transport handle, wheel set)
Cable holders

Standard equipment

Backup charging operation (memory saver)
Continuous selection of charging current
Digital display for charging voltage and current
Digital ammeter
Battery status display
Charging and start voltage display
LED signal for reverse polarity, incorrect voltage or malfunction
LED signal for charging and end of charging
Charging cable short circuit protection
Reverse polarity short circuit protection
Overload protection
Thermal protection switch with auto-reset
Charging cable +/- with standard crocodile clips
Connecting cable 230 Volt with safety connector

MBC 750 S – Professional, multifunctional battery charger/starter device for wet, gel and AGM batteries with a charging voltage of 12 and 24 Volt

- Suitable for all vehicles from motorcycles, through semi-trailers to motorboats.
- Excellent operating safety in fast and conservation charging mode
- Microprocessor-controlled device
- Automatic charging cycles with up to ten charging and analysis phases

- Three programmed charging cycles, one manual charging cycle
- 100 % protection of vehicle electronics against voltage peaks during starting

- Can be used in maintenance charging mode as a power supply for keeping the vehicle's electronics settings. Important for recent cars where a battery change can only be performed in this mode
- Fast start can also be activated via remote start. For example, from inside the vehicle thanks to 3.35 m cable length

► Model with chassis

► Backup charging operation (memory saver)

► Regeneration and conservation function

► Fast start also via remote start controller

Model	MBC 750 S
Art. no.	6850510

Technical specifications		
Charging voltage	12 V	24 V
Charging current	100 A	70 A
Charging capacity	4 - 700 Ah	
Startup output	450 A	
Peak output	650 A	
Output / Voltage	2 000 - 12 000 W / 230 V	
Number of operating modes	6	
Suitable for battery types	Wet, Gel, AGM	
Charging applications	Motorcycles, cars, MPVs, STs, Ag, boats, trucks<7.5t, trucks>7.5t, commercial vehicles, building sites	
Starting applications	Motorcycles, cars, MPVs, STs, Ag, boats, trucks<7.5t, trucks>7.5t, commercial vehicles, building sites	
Dimensions (L x W x H)	380 x 310 x 950 mm	
Weight	29.5 kg	



Scope of delivery:

Chassis (transport handle, wheel set)
Cable holders

Standard equipment

Remote start
Backup charging operation (memory saver)
Continuous selection of charging current
Digital display for charging voltage and current
Digital ammeter
Battery status display
Charging and start voltage display
LED signal for reverse polarity, incorrect voltage or malfunction
LED signal for charging and end of charging
Charging cable short circuit protection
Reverse polarity short circuit protection
Overload protection
Thermal protection switch with auto-reset
Charging cable +/- with standard crocodile clips
Connecting cable 230 Volt with safety connector

Battery chargers

SB 200 MS – ultra-light, mains-independent start booster with high output



- ▶ An indispensable device for professional users in repair and body shops and vehicle electrical system workshops for daily use on all vehicle types with 12-Volt batteries
- ▶ Microprocessor controlled
- ▶ Easy handling and ergonomic design
- ▶ Charging of internal battery via power supply

Premium LiFePO₄ rechargeable battery built in

- ▶ Low self-discharging
- ▶ No damage in case of extended discharge periods
- ▶ Service life five times higher than devices with legacy batteries, approx. 3000 cycles
- ▶ Greater inherent safety against overheating compared with legacy batteries

Backup charging mode

- ▶ Can be used in maintenance charging mode as a power supply for keeping the vehicle's electronics settings. Important for recent cars where a battery change can only be performed in this mode

› LiFePO₄ battery with excellent inherent safety

› Voltage peak protection

› Protection of vehicle electronics

› Backup charging operation (memory saver)

Model	SB 200 MS
Art. no.	6850650

Technical specifications	
Start voltage	12 V
Peak output	2000 A
I-Start	800 A
Supply voltage	230 V
Charging cable length	0.5 m
Suitable for battery types	WET/GEL/AGM
Starting applications	Motorcycles, boats, cars, vehicles, commercial vehicles,
Dimensions (L x W x H)	260 x 135 x 72 mm
Weight	2.4 kg



Scope of delivery:

Built-in LiFePO₄ battery
External power supply
0.5 m starter cable with professional crocodile clips
Cable holder
Mounting bracket

Standard equipment

Backup charging operation (memory saver)
Battery voltage display
Charging cable short circuit protection
Reverse polarity short circuit protection
Overload protection
Voltage peak protection
Protection of vehicle electronics
Charging cable +/- with professional crocodile clips
Connecting cable 230 Volt with safety connector

SB 500 – Start booster for wet, gel and AGM batteries with a charging voltage of 12 and 24 Volt



- ▶ Indispensable device for professional users for daily deployment in repair, body and auto electrics shops
- ▶ For all vehicle types with 12 Volt lead batteries
- ▶ Easy and ergonomic handling

- ▶ Protects vehicle electronics against damage during starting
- ▶ Voltage peak protection

- ▶ Built-in battery charger for charging the internal battery
- ▶ Direct charging of the starting device in the vehicle interior via cigarette lighter connecting cable

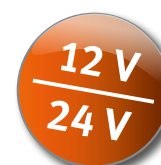
› Voltage peak protection

› Protection of vehicle electronics

› Durable and cycle-proof Hawker battery built-in

Model	SB 500
Art. no.	6850605

Technical specifications	
Start voltage	12 V 24 V
Peak output	4 400 A 2 200 A
I-Start	700 - 1 400 A
Supply voltage	230 V
Suitable for battery types	Wet, Gel, AGM
Starting applications	Motorcycles, cars, MPVs, STs, Ag, boats, trucks<7.5t, trucks>7.5t, commercial vehicles, building sites
Dimensions	405 x 180 x 380 mm
Weight	18 kg



Scope of delivery:

Built-in Hawker battery with charger
1.6 m starter cable with professional crocodile clips
Carrying handle
Cable holders

Standard equipment

Analogue amperemeter
Overload protection
Voltage peak protection
Protection of vehicle electronics
Charging cable +/- with professional crocodile clips
Connecting cable 230 Volt with safety connector and for cigarette lighter