

4 Load Consumer

Battery charger for lead-acid batteries: Flooded, GEL, AGM



4 Load Professional

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4Load chargers are primarily connected chargers with pulse maintenance. They ensure a maximum battery lifespan and are suitable for all types of lead batteries.

Thanks to the IU charging characteristic and an impulse charge, these devices are equally suitable for maintaining battery charge. All devices are splashproof and correspond to the protective system IP 65.

- » Fully automatic charger
- » Microprocessor for accurate charging control
- » accurate and correct charging voltage
- » LED charging status display

Superior flexibility in terms of setting options ensure the perfect load profile for any type of lead-based battery, thus optimising battery life.

The product series furthermore features user-friendly operation via the display, and comprehensive safety extras. The devices are additionally equipped with an automatic charge retention.

- » LED charging status display red, yellow, green
- » Two-line display
- » Before starting the charging process:
Selection of relevant voltage + amperage + load curve (stored previous setting)
- » During the charging status:
Charging status display + current information

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Item No.	Voltage	Ampere	Scope	Length mm	Width mm	Height mm
CB-0.8	12 V	0,8 A	1 AH - 30 AH	140	60	50
CB-3.6	12 V	3,6 A	1 AH - 120 AH	182	60	42
CB-7.0	12 / 24 V	3,5 A / 7 A	10 AH - 230 AH	200	80	50

Item No.	Description
E-001	Replacement cables for all three charger versions
E-002	Replacement cables for all three charger versions
E-003	Replacement cables for all three charger versions
E-004	Adapter cable BMW-plug for cigarette lighter

Protective system	Charge Box 0.8: IP 60 (dust-tight) / Charge Box 3.6 + 7.0: IP 65 (dust-tight + splash-proof); indoor use	Properties	
Safety	reverse battery protection, overheat protection, non-sparking	Charge Box 0.8	» Adaptive charger
Battery types	Lead/acid batteries, gel batteries, AGM batteries, SLA batteries	Charge Box 3.6	» Maintenance charge + Permanent charge
Charging characteristic	Charging characteristic		» 0.8 A or 3.6 A charging characteristic can be selected
Accessories	Bag + various connecting cables (battery tongs, cigarette lighter, clamping ears)	Charge Box 7.0	» Pulse charge + Maintenance charge + Permanent charge
			» Automatic 12 V or 24 V recognition
			» Pulse charge + Maintenance charge + Permanent charge
			» more precise charging status recognition (25 % / 50 % / 75 % / 100 %)
			» 16V Boost-Function
			» Can be used as 12 V voltage aggregate

4 Load Professional

Item No.	Voltage	Ampere	Scope	Length mm	Width mm	Height mm
CB-P20	12 / 24 V	20 A / 15 A / 10 A / 5 A	14 - 250 AH	271	135	82

Model	Primarily clocked charger, selection of the correct charging program	4 selectable charging curves	
Protective system	IP33		» Standard for passenger cars/trucks (battery also in the vehicle)
Charging options	12 V/15 A + 12 V/20 A + 24 V/15 A + 24 V/20 A 12 V/10 A + 12 V/5 A + 24 V/10 A + 24 V/5 A		» WET (Cyclic applications)
Safety	Reverse battery protection, short circuit-proof		» GEL (Cyclic applications)
Charger characteristic	luloU, IUoU, IUUoU		» AGM / Odyssey (Cyclic applications)
			Automatic charge maintenance



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