

SmartCharger

Our smart charger with more power



Deutronic Charging Technology

Flexible for showroom and workshop

The individual requirements of the professional mobility industry for B2B charging technologies require a wide range of specific chargers for the highly specialized applications.

The SmartCharger is specifically designed for charging and monitoring lead-based and LiFePO₄ batteries yet offers the flexibility of use in vehicle showrooms and automotive workshops by combining design and robustness in equal measure.

Based on the existing and successfully used SC300 and SC500, the 750 variant guarantees the user even more power. The service concept regarding customers and users is a decisive aspect, which is why Deutronic has been considered the technology and market leader for industrial automotive charging technology for decades.

Equipped with a unique breakaway coupling, the Smart-Charger family sets a safety standard to prevent damage and, as a result, enjoys the worldwide trust of leading automotive manufacturers.

Power



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Advantages

- ✓ Maximum safety through standardized breakaway coupling
- ✓ Smart charging technology with dynamic adaptation to battery and consumption situation
- ✓ High reliability and performance due to permanent 50A (SC750) power supply
- ✓ Wide range of applications for lead-acid and lithium batteries due to different modes for external power supply / charging / long-term charging especially for showroom requirements / cable compensation
- ✓ Improved handling due to PowerUp mode to get deeply discharged LiFePO₄ batteries to switch on
- ✓ High user friendliness due to display of battery charge status as well as active process via RGB LEDs
- ✓ Extensive protection and self-protection functions
- ✓ Customized setting possible through individual parameterization

Technical data

Type	Output power	Input voltage	Output voltage	Max. output current	Art.-No.
SC300-14	300W	100–240VAC	14,4/14,0VDC	20A	107143/x/yyy
SC500-14	500W	100–240VAC	14,4/14,0VDC	35A	107142/x/yyy
SC750-14	750W	100–240VAC	14,4/14,0VDC	50A	107146/x/yyy

.../x/...	Accessory variant
.../20/...	5 m mains cable (with European input plug) 3 m charging cable with breakaway coupling and clamps
.../21/...	5 m mains cable (USA/Canada/Japan – Nema 5-15 3-pole) 3 m charging cable with breakaway coupling and clamps
.../22/...	5 m mains cable (with CN/AUS/NZL input plug) 3 m charging cable with breakaway coupling and clamps
.../23/...	5 m mains cable (with UK/Ireland/Hongkong input plug) 3 m charging cable with breakaway coupling and clamps

.../yyy	Setting (Standard setting or customized)
.../000	DC-Standard

Customer-specific parameterization on request

09/2022



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