



# WorkshopCharger 50A

Item number: See page 3

# WorkshopCharger 50A

Versatile and efficient battery charger and power supply with detachable cables.

DEFA WorkshopCharger 50A is based on modern switch-mode technology and maintains and promotes optimal battery performance and durability. It is well suited to battery sizes up to approx. 600Ah and can maintenance charge the battery for an unlimited time.

## Use

14,7 Button Recommended use for AGM and EFB batteries.

Li Button Use with Li-Ion batteries with integrated battery management system (BMS).

Power supply When the charger is turned off the power button can be pressed until the LED segments lights up one by one in a regular bottom to the top cycle. The charger is now in power supply mode and delivers 13,7V and up to 50A.

## Installation

Equipment damage and possible injuries may result from an incomplete understanding of the installation and operation of the charger. If you are unfamiliar with electrical systems: consult us, a dealer or a licensed electrician. Read the mounting and user guide carefully.



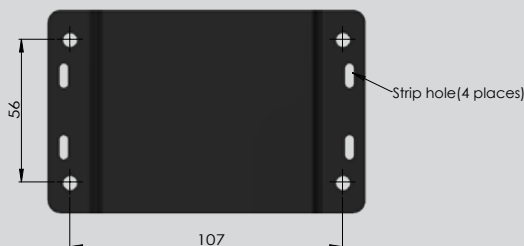
## Maintenance

Keep all connectors free from moist and dirt.

# Specifications

Item number	713000: With 2,5m charging cable 713200: With 5,0m charging cable
Input voltage	100-240 VAC
Operating temperature	-20/+40°C
Mains current	max. 7.1A eff.
Charging voltage	14,4/14,7 VDC. (Temperature-compensated approx 5,0 mV/°C/cell. Ref. 25°C.)
Maintenance charging	13,5/13,6 VDC
Max charging current	50A @ 230V
IP rating	5K3
H/W/D	280x175x85mm

Bracket:



Weight	3,8kg
Protection class	1
Certifications	EN 60335-1, EN 60335-2-29, EN 61000-6-2, (EN 61000-4-2, EN 61000-4-3, EN 61000-4-4), (EN 61000-4-5, EN 61000-4-6, EN 61000-4-11), EN 55011, EN 62233

DEFA AS is conforming to the requirements ISO 9001, ISO 14001 and ISO 45001. In addition to this, our engine heaters and cables are conforming to the requirements of IATF 16949.

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