



H = Height, W = Width



Technical specifications

Input voltage [VAC]	100-240
Operating temperature [°C]	-20/+40
Mains current [A]	max. 7.1 A eff.
Charging voltage [VDC]	14,4/14,7
Maintenance charging [VDC]	13,5/13,6
Charging current [A]	50
IP rating [IP]	5K3
H/W/D [mm]	280x175x85
Weight [kg]	3,8
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

* Temperature-compensated approx 5,0 mV/°C/cell. Ref. 25°C.



defa.com

WorkshopCharger 50A

Item no: see below

WorkshopCharger 50A

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.

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

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.

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.

Maintenance

Keep all connectors free from moist and dirt.

Item no.	
713000	With 2,5m charging cable
713200	With 5,0m charging cable