



H

W

H = Height, W = Width

### Technical specifications

Input voltage [VAC]	110-240 (@ 50-60Hz)
Operating temp. [°C] or [°F]	-20/+40 or -4/+104
Charging voltage [VDC]*	14.4/14.7
Maintenance charging [VDC]*	13.5/13.6
DC power leads [m/ft]	5.0/16.4
AC Power Cord [m/ft]	2.5/8.2
Charging current [A] @ 230V input	50
Charging current [A] @ 120V input	40
IP rating [IP]	5K3
H/W/D [cm] or [inch]	28.0/17.5/8.5 or 11.0/6.9/3.4
Weight [kg/Lbs]	3.8/8.4

\* Temperature-compensated approx 5.0 mV/°C/cell. Ref. 25°C.



defa.com

## WorkshopCharger 40-50A

Item no: 715800

### WorkshopCharger 40-50A

DEFA WorkshopCharger 40-50A 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 maintain the battery charge 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 light up one by one in a regular bottom to top cycle. The charger is now in power supply mode and delivers 13.7V and up to 50A.

#### Maintenance

Keep all connectors free from moisture and dirt.