



### 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

Make sure that the connectors on both charger and cables are free from moisture and dirt before using the charger.



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### Use

The charger can withstand parallel current load up to 40A with 120V and 50A with 230V input per channel from another user at the same time as it charges the battery.

### LED

Battery Voltage	Battery Status	LED Indication
>12.65V	95-100%	All segments on
12.55V-12.65V	80%	4 segments on
12.45V-12.55V	60%	3 segments on
12.35V-12.45V	40%	2 segments on
4.5V-12.35V	0-20%	1 segment on

## ShowroomCharger 40-50A

Item no: see below

### ShowroomCharger 40-50A

DEFA ShowroomCharger 40-50A is based on modern switchmode technology and galvanised divisions. This charger represents the latest technology in battery charging and will give the optimum life expectancy. It is well suited to maintain the battery charge for an unlimited time.

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

#### Technical specifications

Input voltage [VAC]	110-240 (@ 50-60Hz)
Operating temperature [°C] or [°F]	-20/+40 or -4/+104
Charging voltage [VDC]	14.4/14.7
Maintenance charging [VDC]	13.5/13.6
Max continuous output current [A] @ 120V input	40@14.4V
Max continuous output current [A] @ 230V input	50@14.4V
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] or [lbs]	3.8/8.4
AC Power cable length [m] or [ft]	5/16.4
DC charging cable length [m] or [ft]	2.5/8.2 or 5.0/16.4
Protection class	1
Certifications	FCC Part 15. Certified to CSA C22.2 No. 107.2. CONFORMS TO UL STD 1236

#### Item number:

713600	With 2.5m/8.2ft DC charging cable
711300	With 5.0m/16.4ft DC charging cable