

DEFA Workshop and Showroom Charger 50A is based on modern switchmode technology and galvanised divisions. This Charger represents the latest technology within Battery charging and will give the Batteries optimum life. It is well suited to maintenance Charge the Battery for an unlimited time. DEFA AS is conforming to the requirements of ISO 9001, ISO 14001 and ISO 45001. In addition to this, DEFA Engine Heaters and Cables are conforming to the requirements of IATF 16949.

Technical specifications	
Input voltage	[VAC] 100-240
Operating temperature	[°C] -20/+40
Mains current	[A] max 7,1A
Charging voltage*	S1 [VDC] 14,4/14,7
Maintenance charging	S2 [VDC] 13,5/13,6
Charging current [A]	50
IP rating [IP]	5K3
H/W/D [mm]	280/175/85
Weight [kg]	3,8
AC Power cable length [m]	5
DC charging cable length [m]	2,5
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 5501, EN 62233



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

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 DEFA, 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 moist and dirt before using the Charger.



Part No.	Description
714400	Showroom Charger 12V 50A 100V-240V AC_5m DC2.5m DEFA UK
714490	Workshop Charger 12V 50A 100V-240V AC_2.5m DC_2.5m DEFA UK



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