



H = Height, W = Width, D = Depth



Technical specifications

Item numbers:	709850	709860	709870
Input voltage [VAC]	230		
Rated power [W]	316	632	632
Operating temperature [°C]	-35/+50		
Charging voltage* [VDC]	14,4		
Maintenance charging [VDC]	13,5	13,5/13,6	13,5
Charging current [A]	20	2x20	2x20
Battery size, max [Ah]	300	2x300	2x300
IP rating [IP]	44		
H/W/D [mm]	183x98x53	183x190x53	183x190x53
Weight [kg]	1,5	3	3
Protection class	1		
Certifications	EN60335-1, EN60335-2-29, EN55014-1, EN55014-2, EN61003-3/2		

* Temperature-compensated approx 5,0 mV/°C/cell. Ref. 25°C on 709860, channel 1



defa.com

LithiumCharger 20A

Item number: See below

LithiumCharger 20A

DEFA LithiumCharger 20A is based on modern switchmode technology. This charger represents the latest technology within battery charging and will give the batteries optimum life.

The lithium range consists of three different chargers. One charger with one channel and two chargers with two channels. The lithium chargers can all start up batteries that are below the cut-off threshold and will not exceed 14,4V.

Note: Only use with lithium batteries including Battery Management System (BMS) that accept 14,4V charging.

They are well suited to battery sizes up to approx. 300Ah and 2x300Ah and can maintenance charge the battery for an unlimited time.

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

The charger can stand parallel current load up to 17A pr. channel from another user at the same time as it charge the battery. The charging voltage is temperature compensated with external sensor. The charger can be connected to a LED remote gauge.

LED

Green pulse - Charging, Green light - Fully charged, Red pulse - Error

Maintenance

The charger is maintenance free.

Item numbers

709850 - 1x20A Lithium

709860 - 1x20A Lithium + 1x20A Multicharger

709870 - 2X20A Lithium