

MultiCharger 1210 Flex Lithium

Item number: 450019

Product name: MultiCharger 1210 Flex Lithium

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MultiCharger 1210 Flex Lithium is a 12V/10A maintenance charger that is adapted to modern battery technology and prolongs battery life. It is more compact than similar chargers in the category and fits well in modern engine compartments. Due to the flexible cables, the battery charger is easy to install.

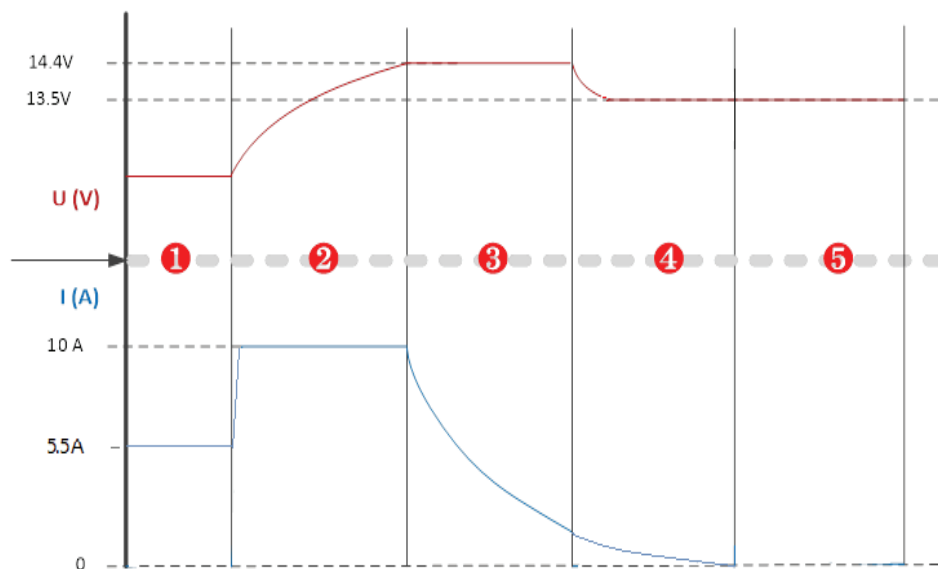
Installation

When charging a 24V system you have to use two 12V chargers. On the 230V side two chargers may be connected directly together or you may place the chargers separate with a PlugIn cable in between. It is most important that each charger secures using a fuse and is connected to separate batteries. The 12V outlet on the charger must not be series circuit.

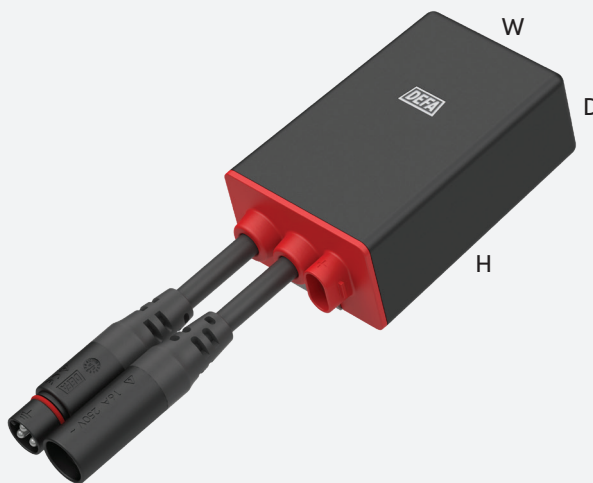
It is most important that the charger is installed in accordance with the installation guide and that DEFA's original connection equipment is used, see specific installation guide.

Use

- Only charge lithium batteries with an integrated Battery Management System (BMS).
- The chargers advanced electronics makes it possible to stay connected to 230V continuously. When charging, batteries must have periodically inspection.
- The LED at the top of the charger is blinking with a green light when the battery is charging. When the battery is fully charged, the LED will be continuously lit. The LED will blink with a red light if there is an error.
- The charger has a 230V outlet which might be used to connect two chargers, or as an outlet for other DEFA equipment.
- The charger is short circuit- and polarity protected, assumed that the enclosed fuse is installed.
- Charging of batteries in closed areas must be avoided cause of explosion danger. The charger contents of high voltage current and must therefore not be opened or drilled in.



Specification



Rated voltage [V/Hz]	230V 50-60Hz
Rated power [W]	165
Charging Current [A]	10
Operating temperature [°C]	-40 to +40
Charging Voltage S2 [VDC]	14,4V @ 25°C
Maintenance charging S3 [VDC]	13,8
IP rating [IP]	65
Efficiency [%]	90
230V PlugIn outlet [A]	16
Fuse size 12V [A]	15
Weight [g]	394
H/W/D [mm]	107/71/42
Protection class	1

The charger is tested and satisfies the standards:

EN 60335-2-29:2004 + A2:210, EN 60335-1:2012 + A11:2014,
EN 62233:2008, EN 55014-1:2006 + A1:2009 + A2:2011,
EN 61000-3-3:2013, EN 61000-3-2:2014, EN 55014-2:2015

DEFA AS is conforming to the requirements ISO 9001, ISO 14001, ISO 45001 and IATF 16949.

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