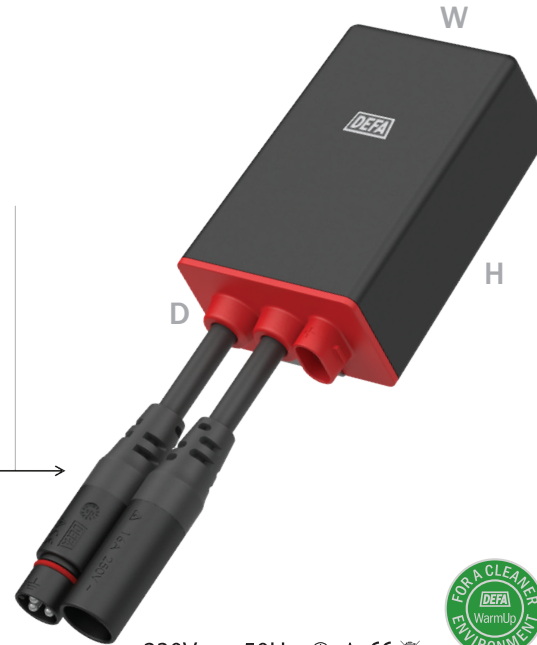


W = Width, D = Depth, H = Height



230V ~ 50Hz



MultiCharger 1210 Flex

MultiCharger 1210 Flex 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.

DEFA AS is conforming to the requirements of both ISO 9001-2008, ISO 14001:2004 and OHSAS 18001:2007.

In addition to this, our engine heaters and cables are conforming to the requirements of ISO/TS 16949:2002.

Technical specifications

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
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

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

Item number

450017

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

- The charger can be used in both 12- and 24V systems.
- The chargers advanced electronics makes it possible to stay connected to 230V continuously. When charging, batteries must have periodically inspection.
- Temperature compensated charging voltage makes sure that the charging voltage for the battery is optimal under all conditions.
- 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.

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