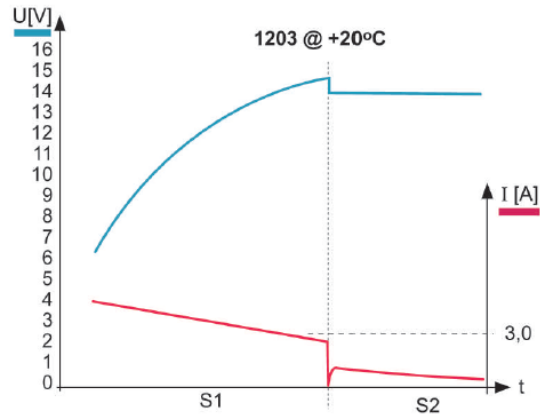
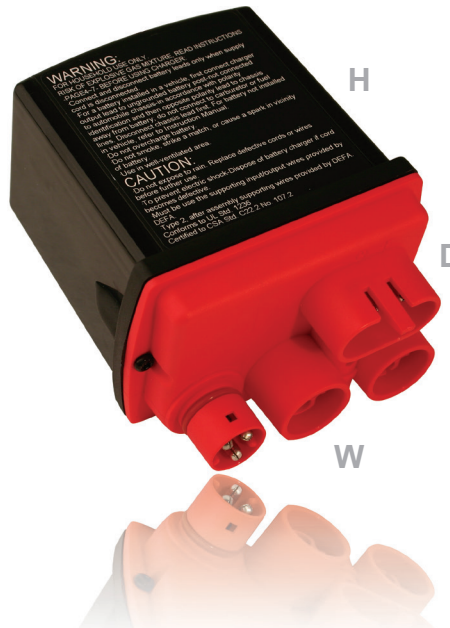




120V~60Hz



W = Width, D = Depth, H = Height



MultiCharger 1203X

- Modern switch-mode charging electronics, which help to preserve the battery. Therefore, the charger can be permanently connected.
- The temperature-compensated charging voltage ensures that the battery will be fully charged in all conditions.
- LED indicator for charging mode and quick charging mode (yellow).
- If the battery is so heavily loaded during the trickle charging process that the battery voltage drops to below 13V, the charger automatically switches to boost mode.
- The battery has short-circuit protection and reverse-polarity protection. This requires the installation of the enclosed fuse.
- 120V recognition, which prevents the relay from staying switched on and discharging the battery when the charger is not in use.
- 2 relay-controlled outputs for engine and cabin heaters which can be activated with a time-program controller (external signal).
- Will not damage sophisticated electronics.
- Compact dimensions.
- Protects the battery from degradation (sulphating) and extends the service life of the battery.
- Prevents the release of harmful gases (safety).

Technical specifications

Rated power [W]	45
Charging current/Voltage [A/V]	3/12
Operating temperature [°C] (°F)	-40/+40 (-40/104)
Charging voltage Boost mode [V]	14.4
Temperature compensation [mV/°C]	30
Float charge [VDC]	13.7
Enclosure rating	TYPE 2
W/H/D [mm] or [inch]	104/83/58 or 4.1/3.3/2.3"
Weight [gram] (oz)	288/10.2
Fuse [A]	5
IP rate	44
Certification - Safety	UL1236, CSA C22.2 No.107.2 UL498, CSA C22.2 No. 182.3 CFR 47 Part15, ANSI C63.4

Use & Installation

MultiCharger 1203X can be used to charge all open or closed types of 12V lead/acid inclusive AGM, EFB and GEL batteries.

S1: Charging - Charges with 3A until voltage reaches 14.4V.

S2: Float voltage 13.7V.

Please read and follow the enclosed installation guide.

The charger functions independently of the time-program control and is primarily designed for use in all vehicles equipped with a 12 volt battery.

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

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

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