



Original UKCA Declaration of Conformity

The Manufacturer of the Products represented by this Declaration is:

Delta-Q Technologies Corp.,
3755 Willingdon Avenue,
Burnaby, B.C., Canada. V5G 3H3

The Directives covered by this Declaration:

SI 2016 No.1091 Electromagnetic Compatibility Directive

SI 2016 No.1101 Low Voltage Equipment Directive

SI 2012 No.3032 Restriction of Hazardous Substances Directive

The products represented by this Declaration:

Battery Chargers

ICL1200-U48-XXXX	ICL1200-085V-XXXX	ICL1200-120V-XXXX	ICL1200-U48-DXXX
ICL0900-057V-XXXX	ICL1500-085V-XXXX	ICL1500-120V-XXXX	ICL1500-U58V-XXXX
			ICL1500-058V-XXXX

a.) Optional suffixes -XXXX denote minor variance in input connectors, cords, output terminations, output DC cable length, and number of LED indicators (X and Y may be any alphanumeric character, or blank).

The Basis on which Conformity is being declared:

The manufacturer hereby declares under his sole responsibility that the products identified above comply with:

- The principal elements of the safety objectives of the Low Voltage Equipment Directive (LVD)
- The protection requirements of the EMC directive at Class B levels
- The requirements of the Restriction of Hazardous Substances Directive.

The following standards have been applied:

LV Directive

EN 60335-1:2012(Incl. A11:2014+AC:2014+AC:2016 A13:2017+A1:2019+A14:2019+A2:2019+A15:2021)
- Household and similar electrical appliances — Safety — Part 1: General requirements

EN 60335-2-29:2004 (Incl. Amd. A2:2010+ A11: 2018) - Household and similar electrical appliances — Safety — Part 2-29: Particular requirements for battery chargers

IEC 60335-2-29:2016(Incl. A1:2019) - Household and similar electrical appliances — Safety — Part 2-29: Particular requirements for battery chargers

EMC Directive

EN 55014-1: 2017 + A11:2020 – Electromagnetic compatibility: Requirements for household appliances, electric tools and similar apparatus - Part 1: Emissions CISPR 14-1

EN 61000-6-2: 2005 (Incl. AC: 2005) - Electromagnetic compatibility (EMC) — Part 6-2: Generic standards — Immunity for industrial environments

EN 61000-3-2: 2014 -Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)

EN 61000-3-3: 2013 Electromagnetic compatibility (EMC) — Part 3-3: Limits — Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase

The technical documentation required to demonstrate that the products meet the requirements of the EMC Directive and Low Voltage Equipment Directive has been compiled and is available for inspection by the relevant enforcement authorities. The CE mark was first applied in 2017.

DocuSigned by:

Signed:  Steve Blaine

Authority: Executive Vice President, Engineering & Quality

Date: 6/8/2022

Location: 3755 Willingdon Avenue, Burnaby, B.C., Canada

Attention!

1.) The output of battery chargers and battery terminal voltages can pose shock and energy hazards in normal operation. The on-board units must be installed in the host equipment in such a manner that the output terminals and battery connections are protected from contact and require the use of a tool to gain access. This access is only intended for qualified service personnel.

2.) The enclosure of these products has been tested successfully to EN60529, meeting IP66. The AC supply inlet however, is considered to have an IP rating of IP20, suitable for indoor use only. If the charger is installed for use in any environment other than a clean, dry, indoor location, the input connector should be either:

- a.) Sealed during installation to protect against ingress of moisture and dirt
- b.) Installed in a clean, dry part of the machine enclosure or charge station

Details of these measures and limitations are available on request, and are contained in the product manual, and design guide. Additional information is available at www.delta-q.com or by email at info@delta-q.com