



Original UKCA Declaration of Conformity

The Manufacturer of the Products represented by this Declaration is:

**Delta-Q Technologies Corp.,
#100 - 3577 Gilmore Way, Burnaby, B.C.
V5G 0B3, Canada**

The Regulations covered by this Declaration:

SI 2016 No.1101 – The Electrical Equipment (Safety) Regulations 2016
SI 2016 No.1091 – The Electromagnetic Compatibility Regulations 2016
SI 2012 No.3032 – The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (as amended): Great Britain

The products represented by this UKCA Declaration:

Industrial /Commercial Battery Chargers

RC0900-U36-XXXX-YY	RC0900-U48-XXXX-YY	RC1000-U24-XXXX-YY
RC1200-U36-XXXX-YY	RC1200-U48-XXXX-YY	N/A

a.) *Optional suffixes -XXXX-YY 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 Electrical Equipment (Safety) Regulations.
- The protection requirements of The Electromagnetic Compatibility Regulations at Class B levels.
- The requirements of The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations.

The following standards have been applied:

The Electrical Equipment (Safety) Regulations

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
(IEC 60335-1:2010, modified + IEC 60335-1:2010/A1:2013, modified + COR1:2014 + IEC 60335-1:2010/A2:2016, modified + COR1:2016)

EN 60335-2-29:2021(Incl. A1:2021) - Household and similar electrical appliances — Safety — Part 2-29: Particular requirements for battery chargers
(IEC 60335-2-29:2016, modified + IEC 60335-2-29:2016/A1:2019)

The Electromagnetic Compatibility Regulations

EN IEC 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 IEC 61000-6-2:2019 – Electromagnetic compatibility (EMC) — Part 6-2: Generic standards — Immunity for industrial environments

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

EN IEC 61000-3-2: 2019 – Electromagnetic compatibility (EMC) Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)

EN 61000-3-3: 2013 + A1:2019 + A2:2021 + AC:2022 – 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

(IEC 61000-3-3:2013 + IEC 61000-3-3:2013/A1:2017/A2:2021/C:2022)

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations

EN IEC 63000:2018 – Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

The technical documentation required to demonstrate that the products meet the requirements of The Electrical Equipment (Safety) Regulations, The Electromagnetic Compatibility Regulations and The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations have been compiled and are available for inspection by the relevant enforcement authorities. The UKCA mark was first applied in 2022.

DocuSigned by:
Russell Lewis

Signed:99B585C0FDB64CB..... Russell Lewis

Authority: Vice President, Engineering

Date: 5/24/2024

Location: #100 - 3577 Gilmore Way, Burnaby, B.C. V5G 0B3, 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 Mains 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