

UKCA Declaration of Conformity

The Manufacturer of the Products covered by this Declaration is:

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

The Regulations covered by this Declaration:

The Electrical Equipment (Safety) Regulations 2016 (S.I. 2016/1101) [Product Safety]
 The Electromagnetic Compatibility Regulations 2016 (S.I. 2016/1091) [EMC]
 The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2022 (S.I. 2012/3032) [RoHS]

This Declaration Covers: RQ0700 series Battery Chargers, Model Numbers:

RQ0700-024-XXX	RQ0700-036-XXX	RQ0700-048-XXX
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Where the following optional configuration combinations may be present:

024/036/048 represents the nominal DC output voltage option (24V, 36V, or 48V)
 XXX represents the feature configuration option (BASE, COMM, COMMD, or MPP)

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 2016 (S.I. 2016/1101) [Product Safety]
- The protection requirements of The Electromagnetic Compatibility Regulations 2016 (S.I. 2016/1091) [EMC] at Class B levels
- The requirements of The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2022 (S.I. 2012/3032) [RoHS]

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The following standards have been applied:

The Electrical Equipment (Safety) Regulations 2016 (S.I. 2016/1101) [Product Safety]

- EN 60335-1:2012+AC+A11+A13+A1+A14+A2+A15:2021 – Household and similar electrical appliances — Safety — Part 1: General requirements
- EN 60335-2-29:2021+A1:2021 – Household and similar electrical appliances — Safety — Part 2-29: Particular requirements for battery chargers
- IEC 60335-1:2010+C1+C2+A1+C1+A2+C1:2016 – Household and similar electrical appliances — Safety — Part 1: General requirements
- IEC 60335-2-29:2016+A1:2019 – Household and similar electrical appliances — Safety — Part 2-29: Particular requirements for battery chargers
- EN 1175:2020 – Safety of Industrial trucks – Electrical/electronic requirements

The Electromagnetic Compatibility Regulations 2016 (S.I. 2016/1091) [EMC]


- EN IEC 55014-1:2017+A11:2020+2021 – Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Emissions, Class B, CISPR 14-1:2020
- EN IEC 61000-6-2:2016+2019 – Electromagnetic compatibility (EMC) – Part 6-2: Generic standards – Immunity standard for industrial environments
- EN 12895:2015+A1:2019 – Industrial trucks – Electromagnetic compatibility (EMC)
- EN 61000-6-3:2007+A1+AC+2021 – Electromagnetic compatibility (EMC) – Part 6-3: Generic standards - Emission standard for equipment in residential environments
- EN 61000-3-2:2019+A1:2021 – Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
- EN 61000-3-3:2013+A2:2021+AC:2022-01 – 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 Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2022 (S.I. 2012/3032) [RoHS]

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 Electromagnetic Compatibility Regulations 2016 (S.I. 2016/1091) [EMC] and The Electrical Equipment (Safety) Regulations 2016 (S.I. 2016/1101) [Product Safety] and The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2022 (S.I. 2012/3032) [RoHS] has been complied with and is available for inspection by the relevant enforcement authorities. The UKCA mark was first applied in: 2023

Authority: Steve Blaine

Signed:  Location: Burnaby, BC, Canada Date: 9/5/2023

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Co-CEO & Executive Vice President, Engineering and Quality

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Attention!

1.) The output of battery chargers and the battery terminal voltages may pose shock and energy hazards in normal operation. The on-board units must be integrated with the host equipment in such a manner that the output terminals and battery connections are protected from contact and only accessible with the use of a tool by qualified service personnel.

2.) The enclosure of these products has been tested successfully to EN60529, meeting IP66/IP67. If the signal receptacles are present on the unit, they must be mated with connectors so that all connectors are mated to maintain IP66/IP67 protection for the enclosure.

Design and integration guidance are available on request and are contained in the product "Design Guide", provided by Delta-Q Technologies.

Additional information is available at www.delta-q.com or by email at info@delta-q.com

Sincerely,

DocuSigned by:

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Steve Blaine

Co-CEO & Executive Vice President, Engineering & Quality