

## 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:**

Industrial Battery Charger P/N 940-0058, Model Number IC0650-024-COMM

### **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 Harmonized 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 60335-1:2020 – 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 (*Note: requirements specific to battery charging functions only*)

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

EN IEC 55014-1:2021 – 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 IEC 61000-6-3:2020 – Electromagnetic compatibility (EMC) – Part 6-3: Generic standards - Emission standard for equipment in residential environments

EN IEC 61000-6-4:2020 – Electromagnetic compatibility (EMC) – Part 6-4: Generic standards - Emission standard for industrial environments

EN IEC 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+A1+A2+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 and not subject to conditional connection

### 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 compiled with and is available for inspection by the relevant enforcement authorities. The UKCA mark was first applied in: 2022

**Authority:** Steve Blaine

**Signed:**

DocuSigned by:

Steve Blaine

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Co-CEO & Executive Vice President, Engineering and Quality

Location: Burnaby, BC, Canada

Date: 9/21/2023

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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. The ac supply inlet however is considered to have an IP rating of IP20 suitable for indoor use only if not using a Delta-Q sealed ac cordset. If the charger is installed for use in any environment other than a clean, dry, indoor location, the input ac 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

If the signal receptacles are present on the unit, they must be mated with sealed connectors so that all connectors are mated to maintain IP66 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.

3.) The battery charger complies with charger-specific requirements of EN1175 conditional to OEM implementation of additional functions within the lift truck. It is the OEM's responsibility to ensure that EN1175 compliance is achieved with correct implementation, maintenance, and documentation.

Additional information is available at [www.delta-q.com](http://www.delta-q.com) or by email at [info@delta-q.com](mailto:info@delta-q.com)

Sincerely,

DocuSigned by:  
  
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Steve Blaine

*Co-CEO & Executive Vice President, Engineering & Quality*