

Delta Q Battery Charger Troubleshooting Checklist

Machine Model: _____ Machine Serial Number: _____ Machine Hours: _____

⚠ CAUTION

USE ALL APPLICABLE SAFETY PRECAUTIONS WHILE WORKING ON, UNDER OR AROUND ANY MACHINERY.

Completed by: _____ Date: _____
Company Name: _____
Email: _____

List the battery brands and models for all batteries on the machine:

Battery 1: Brand _____ Model _____
Battery 2: Brand _____ Model _____
Battery 3: Brand _____ Model _____
Battery 4: Brand _____ Model _____

Battery 5: Brand _____ Model _____
Battery 6: Brand _____ Model _____
Battery 7: Brand _____ Model _____
Battery 8: Brand _____ Model _____

What algorithm is the currently installed charger set to?

Note: Unplug the DC plug into the charger and connect the AC plug. The algorithm will be displayed by a flashing amber lamp for eleven seconds after the self-test.

See QuiQ Troubleshooting Guide to determine the proper algorithm for your battery.

Algorithm: _____

Has the latest software been installed into the charger?

Note: The charger software is located on OLE under the service tab/machine control software. To install the software requires the 2915230 software kit. The kit is covered in the included QuiQ Troubleshooting Guide.

Circle one: Yes / No

Record the voltage of each battery with no load?

Note: Using a volt meter probe between the positive and negative terminals of each battery.

Battery 1: _____ Battery 5: _____
Battery 2: _____ Battery 6: _____
Battery 3: _____ Battery 7: _____
Battery 4: _____ Battery 8: _____

Record the voltage from the battery pack to the charger?

Note: Using a volt meter check the machine battery pack voltage where it plugs into the battery charger.

Voltage: _____

What is the voltage from the AC supply to the charger?

Note: Using a volt meter set to AC check the AC supply voltage into the charger.

Voltage: _____

Is there an extension cord plugged into the charger?

If yes, what are the gauge and length measurements of the Extension cord?

Note: The extension cord gauge is typically stamped into the outer sheath.

Extension cord in use: _____ (Yes / No?)
Extension cord gauge: _____
Extension cord length: _____

Describe the AC supply to the battery charger.

Circle one:
Wall outlet Generator Spider box
Junction box other: _____

Describe the reason to service the currently installed battery charger.

For example, the charger won't come on, the batteries will not charge etc.