



# Certificate of Compliance

**Certificate:** 80140456      **Master Contract:** 300342  
**Project:** 80206337      **Date Issued:** 2024-05-24  
**Issued to:** Hioki E.E. Corporation  
81 Koizumi  
Ueda, Nagano 386-1192  
Japan

**Attention:** Inoue Tomoyuki

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



**Issued by:**  
Jerry Villamar  
Jerry Villamar, Certifier III

## PRODUCTS

Class 3631 06 ELECTRICAL MEASUREMENT AND TEST EQUIPMENT - Electrical Measurement and Test Equipment

Class 3631 86 ELECTRICAL MEASUREMENT AND TEST EQUIPMENT - Certified to US Standards

### **Battery Impedance Meter**

Model(s)	Input Voltage (VAC)	Input Frequency (Hz)	Input Power (VA max)	Measuring Range
BT4560, Bt4560-50	100-240	50/60	80	5V

## Notes:

1. The above models are Equipment Class I, Pollution Degree 2, Measurement Category None, indoor use product
2. Mode of operation: Continuous
3. Environmental Conditions: Extended, Operating temperature 0 to 40°C, altitude up to 2000m (6562 ft.) max, Relative Humidity (non-condensing): 80%RH or less (no condensation)



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### **APPLICABLE REQUIREMENTS**

CSA C22.2 No. 61010-1-12, UPD1:2015, UPD2:2016 AMD1:2018 - Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 1: General requirements...

CSA C22.2 No. 61010-2-030:18 - Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 2-030: Particular requirements for equipment having testing or measuring circuits - Second Edition

UL 61010-1 3rd ed (Rev. Nov 21, 2018) - UL Standard for Safety Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements - Third Edition; Including Revisions through November 21, 2018

UL 61010-2-030, 2nd Edition (2018) - UL Standard for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use – Part 2-030: Particular Requirements for Equipment Having Testing or Measuring Circuits

### **Reference EN Standards:**

EN 61010-1+A1:2019 - Safety requirements for Electrical Equipment for measurement, control, and laboratory use - Part 1: General requirements...

EN 61010-2-030: 2021+A11:2021 - Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 2-030: Particular requirements for testing or measuring circuits - Second Edition

### **Conditions Of Acceptability**

1. The wireless adapter or other interfacing device is not included in this evaluation.



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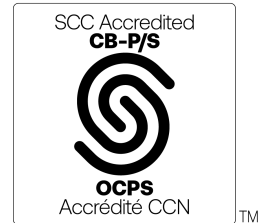
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**Notes:**

Products certified under Class(es) C363106, C363186 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)





## *Supplement to Certificate of Compliance*

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**Master Contract:** 300342

*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
80206337	2024-05-24	Update report: 80140456 to add alternate Battery Impedance Meter (Model: BT4560-50)
80140456	2022-12-15	New model certification for Battery Impedance Meter of BT4560 under CAN/CSA C22.2 No. 61010-1-12, UPD1: 2015, UPD2: 2016, AMD1: 2018 UL 61010-1, 3rd edition (2012), AMD1: 2018 CSA-C22.2 No. 61010-2- 030-18 UL Std. No. 61010-2-030 (2nd Edition) (CAN/US)