

## Introduction

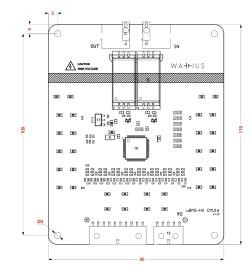
The Wattius wBMS-HX is a Battery Management System product family designed for applications up to 1.500 V and provides reinforced isolation for all external interfaces according to IEC60664. The wBMS-HX CMU16 is the 16-cell Cell Monitoring Unit of the HX family, compatible with both wBMS-MX BMU and wBMS-HX BMU.

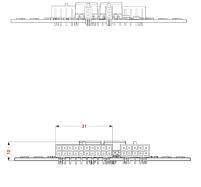
This CMU features the latest battery monitoring technology, state-of-the-art measurement performance with a maximum cell voltage error under 2 mV across the range, and multiple safety features like cell open-wire detection.

Models available with both Molex or RJ45 commectors for communication interface.

## **Technical Specifications**

Cell measurements (voltage & temperature)	Multiple cell chemistry and supercapacitors. Extended internal redundancy and hardware integrity diagnostics. Open wire detection.
Cell voltage	5 - 16 cells. 0 - 5 Vdc. ± 1,5 mV cell voltage max total error.
Cell temperature	Up to 5 channels. Configurable NTC 10 k $\Omega$ . $\pm$ 1 $^{\circ}$ C cell temperature max total error.
Balancing	Autonomous. Configurable. Up to 300 mA per channel.
Operating temperature range	-40 to +85 <sup>o</sup> C







## **Wattius Battery Solutions**

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