

Introduction

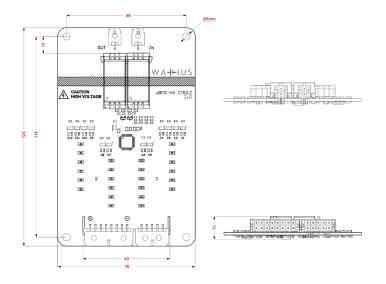
The Wattius wBMS-HX is a Battery Management System product family designed for applications up to 1.500 V and provides reinforced isolation for all external interfaces according to IEC60664. The wBMS-HX CMU12 is the 12-cell Cell Monitoring Unit of the HX family, **compatible with** both w**BMS-MX BMU** 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 1,5 mV across the range, **high-current balancing** up to 1A 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 - 15 cells. 0 - 5 Vdc. ± 1,5 mV cell voltage max total error.
Cell temperature	Up to 5 channels. Configurable NTC. ± 1 °C cell temperature max total error.
Balancing	Autonomous. Configurable. Up to 1.000 mA per channel.
Operating temperature range	-40 to +85 ºC





Wattius Battery Solutions

Camí de Can Bassa 6 08401 Granollers Barcelona

> +34 93 018 06 08 www.wattius.com info@wattius.com