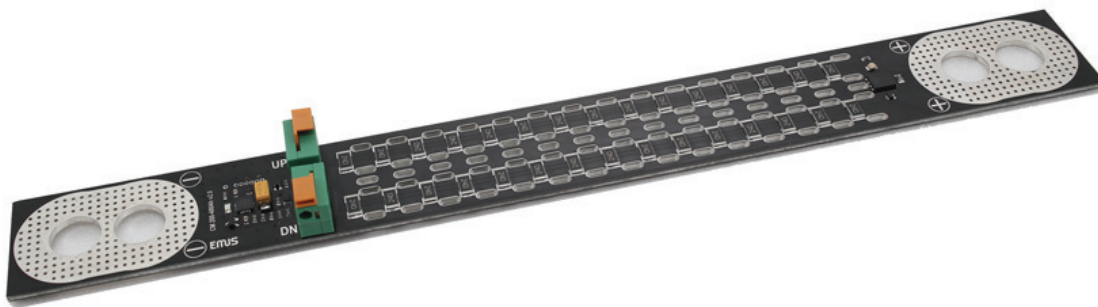
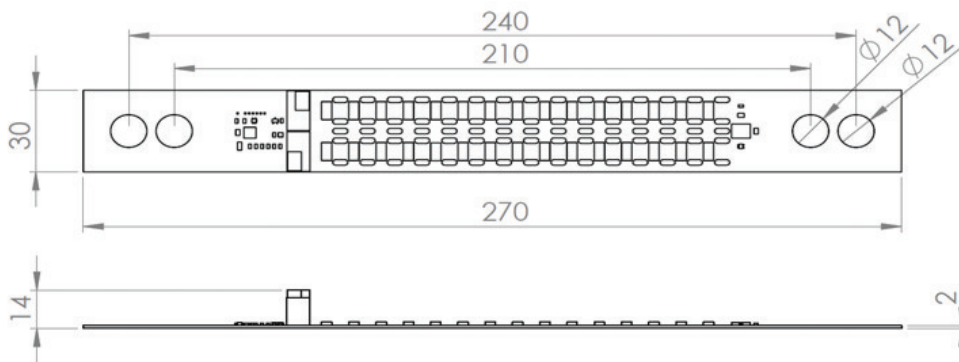


EMUS BMS Cell Module 200-400Ah



Dimensions



Product information

EMUS BMS Cell Module 200-400Ah

Part number

CM050B

Description

Emus BMS Cell Modules are the single cell controllers that measure cell voltage and provide means of controlled dissipative balancing. Each Cell Module can also measure its own temperature, and is equipped with a special serial interface for communication with the main controller.

The 200-400Ah model is designed for easy installation on most prismatic cells and has spring terminal blocks for convenient communication wiring.

Application

Can be used with Lilon, LiPO, LiFePO₄ and other lithium chemistry cells.

Recommended for up to 400Ah prismatic cells.

Specifications

- Shunt characteristics:
 - $R_{TOT} = 0.8\Omega$;
 - $P_{MAX} = 30W$;
- Max balancing current: 6.125A (limited by P_{MAX});
- Operating voltage: 2.0V÷4.55V;
- Operating temp.: -40°C ÷ +80°C;
- Voltage measurement accuracy: ± 10mV;
- Temperature measurement accuracy: ± 5°C;
- Dimensions: 270x30x16.75 mm;
- Mounting holes: M12