

Introduction

The BMAC is an electronic device that enables serial communication between batteries and inverters. The BMAC can be set up to handle communication between a BlueNova battery's BMS and all inverters listed below. BlueNova's BMAC also includes an integrated Wi-Fi module which enables remote monitoring of low level battery parameters via BlueNova's BMAC Online Platform.



Battery Communication Compatibility

BlueNova Product Range	Communication Protocol
Standard NG / Standard HC	CAN-bus
RacPower DU (Daily Use)	CAN-bus
RacPower BP (Backup Power)	RS485

Inverter communication compatibility via CAN-bus:

- Victron®
- Studer®
- Goodwe®
- SunSynk®
- SMA®

Additional peripheral devices can be added to this list. Typically, development will take 3-4 weeks.

Wi-Fi Features

- Local monitoring via BMAC's Wifi hotspot (a smart device such as a PC or smartphone is required).
- Remote monitoring by connecting the BMAC to a local network with internet access. The BMAC can be monitored via the BMAC Online Platform where one month's historic data will be visible.
- Firmware updates of the BMAC via the Wi-Fi interface.

General Data

Operating Voltage Range	12VDC ~ 100VDC
Power Consumption	2.6 W
Dimensions	120 x 120 X 40 mm (W x L x H)
Weight	350g