HECKMAN

Operation and Safety Manual
Heckman Link Datalogger

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Version: FLEX Link Ex 2.0 | Date: 2026-06-10

1. Safety Information

To ensure safe and proper use, read this manual and all other documents included with this product. Keep them for future reference. Failure to follow installation procedures may lead to malfunctions, health and life hazards, legal violations, and/or refusal of legal and commercial warranties (if applicable). Heckman Sp. z o.o. is not liable for any losses or damages caused by incorrect installation or improper operation of this device due to failure to follow the operating and safety instructions contained in this manual.

⚠ ATTENTION! The device must be connected only as shown in this manual. Any other method may cause damage and/or personal injury.

⚠ ATTENTION! During normal operation, maintain a minimum distance of 20 cm between the device and the user's body.

⚠ ATTENTION! Do not use the device if it shows any signs of damage or defects.

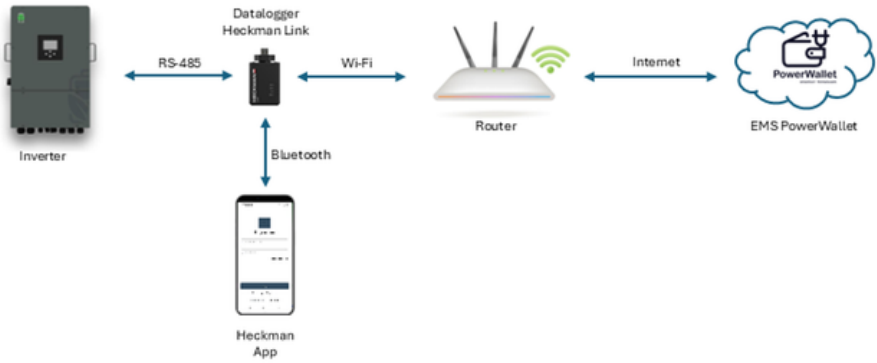
⚠ ATTENTION! Do not attempt to repair the device yourself.

⚠ ATTENTION! Unauthorized modifications void the warranty and may violate radio compliance standards.

⚠ ATTENTION! Do not allow children to play with the device.

2. Product Description

Heckman Link is an intelligent communication module (Datalogger) designed for remote monitoring and control of EcoBSS FLEX hybrid inverters via the PowerWallet Energy Management System.



3. Installation Instructions

- Ensure the inverter is turned off.
- Insert the Heckman Link Datalogger into the inverter's USB port. The USB port is located on the bottom of the inverter.
- Turn on the inverter and observe the signal LEDs.

4. Device Specifications

- Device dimensions: 85 x 45 x 25 mm
- Weight: 48g
- Power supply: DC 5V (via inverter USB port)
- Power consumption: <1W
- Housing material: Plastic
- Color: Black
- Communication: Wi-Fi (2.4 GHz), Bluetooth
- Frequency bands and power:

Function	Frequency Band	Maximum Transmit Power (EIRP)
Wi-Fi	2412 MHz – 2472 MHz	≤ 20 dBm (100 mW)
Bluetooth (LE)	2402 MHz – 2480 MHz	≤ 10 dBm (10 mW)

- Ambient operating temperature: -20°C to 40°C
- Humidity: 30% to 70% relative humidity
- Maximum altitude: 2000 m

5. LED Indicators

- **PWR:** White LED. Lights up continuously when power supply is correct.
- **NET:** Green LED. Lights up continuously when communication with EMS PowerWallet is established. If there is no communication, the LED remains off.
- **WIFI:** Orange LED. Indicates the status of the connection to the local WiFi router. It lights up continuously when the WiFi connection is correct; it flashes when the connection is unavailable or currently being established.
- **BT:** Blue LED. Indicates the Bluetooth connection status. It lights up continuously when the BT connection is correct; it flashes when the connection is unavailable.

6. Configuration (HECKMAN App)

- Download the HECKMAN app from the Google Play store (**iOS app coming soon*).
- Turn on Bluetooth on your phone and get close to the device.
- Launch the app and follow the on-screen instructions to connect Heckman Link to the Wi-Fi network and register it in EMS PowerWallet. The EcoBSS app user manual is available at www.heckman.pl
- The initial PIN for device configuration via the Bluetooth interface is: 000000. You can change it in the app at a later stage
- Use the PWD password from the insert included with the Heckman Link to add the inverter to the installation in EMS PowerWallet

7. Declaration of Conformity

Heckman Sp. z o.o. hereby declares that the Heckman Link Datalogger device type complies with the RED (2014/53/EU), EMC (2014/30/EU), and RoHS (2011/65/EU) directives. The full text of the EU Declaration of Conformity is available at the following web address:

https://heckman.pl/wp-content/uploads/2026/06/Declaration_Of_Conformity_1_2026_Heckman_Link.pdf

8. Disposal and Recycling

This refers to waste electrical and electronic equipment. Selective waste collection is mandatory in the EU, USA, and other countries.

This symbol on the device or its accompanying documentation indicates that it must not be disposed of with daily household waste. The device should be recycled to avoid potential damage to the environment or human health resulting from uncontrolled waste disposal and to promote the reuse of materials and resources. The user is responsible for disposing of the device separately from general household waste when it is no longer fit for use.

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