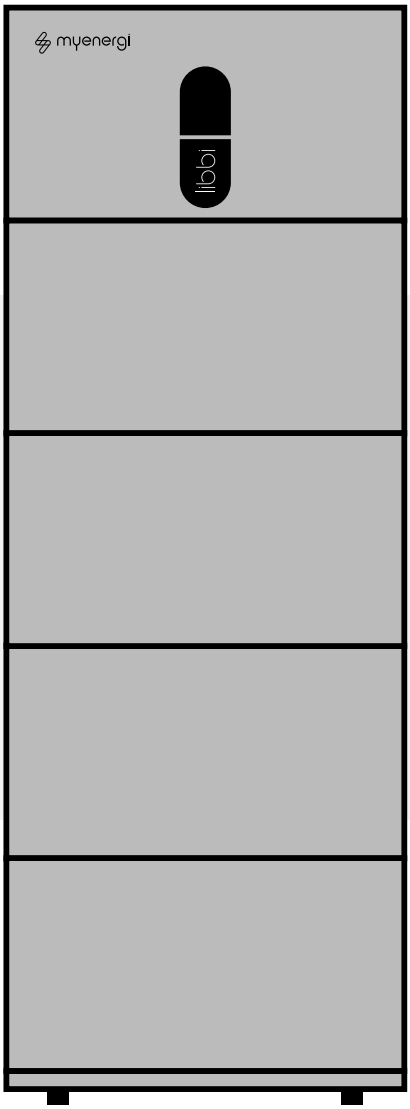
myenergi

libbi 2



User Operating Instructions

LIBBI-HS3.6D1-A,
LIBBI-HS5D1-A,
BM5D1-A

myenergi.com

myenergi Ltd. Pioneer Business Park,
Faraday Way, Stallingborough,
Grimsby, DN41 8FF, UK

July 2027
United Kingdom
PM-00003
Revision H

Copyright

Copyright of these instructions remains with the manufacturer. Text and images correspond to the technical level at the time of going to press. We reserve the right to make changes.

The information in this manual reflects the technical status of the product at the time of publication. myenergi reserves the right to make changes.

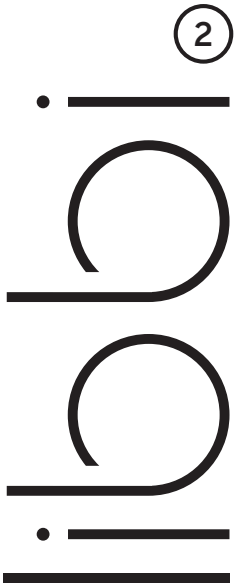
We are grateful for any suggestions for improvement and notices of errors in the installation instructions. myenergi libbi, myenergi zappi, myenergi eddi, myenergi harvi and myenergi hub are registered trademarks of myenergi Ltd.

Liability Limitation

myenergi do not accept any direct or indirect liability for product damage or property loss caused by the following conditions:

- Product modified, design changed or parts replaced without authorisation
- Changes, repair attempts and erasing of serial numbers or seals by an unauthorised person
- System design and installation were not in compliance with standards and regulations; failure to comply with the local safety regulations
- Damage caused by any transportation of the products by the installer
- Failure to follow any and/or all user manuals, installation guides and maintenance regulations
- Improper use or misuse of the device
- Force majeure (stormy weather, lightning overvoltage, fire etc.)
- Damage from external factors

Content



Introduction

Safety Introduction

Read all these safety instructions. Failure to install and operate the unit in accordance with these instructions may cause inefficient operation, damage to the unit and invalidate the manufacturer's warranty, or result in injury or death. Read all safety instructions before installing, operating or servicing libbi. Failure to follow this manual may cause injury or death, damage the system, reduce performance or invalidate the warranty. Ensure this manual is retained for future reference and for any maintenance and reparation. Your libbi utilises warning signs which contain important information for the system to be operated safely. Ensure these remain undamaged and clear to read. If damaged, warning signs must be replaced immediately.

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

Indicates a notice or 'tip' to guide you along your install.

Any person commissioning, maintaining or servicing libbi must be suitably qualified and must use correctly calibrated test equipment.

DANGER

Danger to life from high voltage. The PV array, inverter and battery can contain dangerous DC voltage. Touching live conductors or live components can cause fatal electric shock. When exposed to sunlight, the PV array generates a dangerous DC voltage which will be present in the DC conductors and the live components of the inverter. Touching the DC conductors or the live components can lead to lethal electric shocks. If you disconnect the DC connectors from the system under load, an electric arc may occur leading to electric shock and burns.

- The inverter can hold a life-threatening voltage even after disconnecting it from the DC and/or AC side
- Prior to performing any work on the inverter or the battery pack, disconnect the inverter from all voltage sources
- Do not touch the DC conductors or uninsulated cable ends
- Do not touch the system with wet hands. Do not clean the system with a wet cloth while it is energised.
- Risk of chemical burns from electrolyte or toxic gases. During normal operation, no electrolyte shall leak from the battery pack and no toxic gases shall form. Despite careful construction, if the battery pack is damaged or a fault occurs, it is possible that electrolyte may be leaked or toxic gases formed.
- Under abnormal conditions batteries may vent flammable gases, therefore ensure that these are installed in a suitable location to avoid
- accumulation of flammable gases, installation must adhere to specific local and national safety codes & regulations.
- The transportation of libbi system must be arranged by the manufacturer or instructed personnel, including the Installer
- When transporting, a certified ABC fire extinguisher with minimum capacity of 2kg must be carried
- When transporting, secure the system to prevent tipping
- It is prohibited to smoke in or near to the transporting vehicle, at any time
- Do not install or operate the system if moisture has penetrated the system (e.g. due to a damaged enclosure)
- Do not install or operate the controller in an environmental temperature below -10°C or over 40°C
- Do not install or operate the battery and inverter in an environmental temperature below -10°C or over 50°C or a humidity over 95%
- Do not install or operate the device in potentially explosive atmospheres or areas containing highly flammable materials or gases
- The libbi battery and inverter may be sited indoors or outdoors and must be orientated vertically and mounted to a suitable surface or wall, ensuring suitable fixings are selected
- The libbi controller must be sited indoors and must be orientated vertically and mounted to a suitable surface or wall, ensuring suitable fixings are selected
- Install devices with displays in a location and at a height to reduce risk of eye strain
- Connect only myenergi compatible equipment, in accordance with these instructions
- The supply circuit shall be protected by an overcurrent device sized to 120% of the design current and in accordance with local and national regulations
- 300mA, bi-directional, RCDs, Type A or B shall be fitted in the supply to the inverter and in the supply from the backup circuit, in accordance with local regulations

- The inverter must be earthed through a permanent earth conductor, correctly installed and reliably connected. All external earth bonds shall be fitted
- This device is intended for a fixed location with a permanent AC supply, where the neutral conductor shall always be wired
- Ensure selection of suitably rated cables to each device
- The system and components are not to be used by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they are supervised or have been given instruction concerning use of the device by a person responsible for their safety
- Do not insert foreign objects into any part of the device, cables or connectors
- Do not rest heavy objects on top of the devices
- Do not damage the system with sharp objects
- Do not attempt to disassemble, tamper, modify or repair the device, as it has no user serviceable parts. Servicing and repair must only be carried out by a suitably qualified installer, with approved myenergi parts
- In adverse weather conditions and when device is located outdoors, avoid any maintenance to this equipment
- Ensure the device always has adequate ventilation; do not block the vents or obstruct airflow on
- the top or back of the unit. Always adhere to the minimum spacing/distances
- Stop using the device if it is found to be defective, or if any part is cracked, broken or damaged
- Never spray or submerge the devices with water
- Ensure chemicals used for cleaning units are compatible with the materials used in the construction. If in doubt please consult myenergi technical support for further details
- In case of contact with electrolyte, rinse the affected areas immediately with water and consult a doctor without delay
- To exchange a battery, please request for new hazardous goods packaging if needed, pack it and myenergi or a 3rd party arranged by myenergi will collect it

CAUTION

- The inverter and batteries are heavy. There is a risk of injury if the inverter or battery is lifted incorrectly or dropped during transportation or when attaching to or removing from the wall
- Ensure all operations are carried out in accordance with national manual handling rules, guidelines and regulations.
- Lifting and positioning the inverter and battery packs must be carried out by at least two people using correct manual handling techniques.

Regulatory Information

This product complies with the applicable CE and UKCA marking directives / statutory instruments and harmonised /designated standards:

- Radio Equipment (RED Detective 2014/53/EU & SI 2017 No. 1206)
- Low Voltage (LVD Directive 2014/35/EU & SI 2016 No. 1101)
- Electromagnetic Compatibility (EMC Directive 2014/30/EU & SI 2016 No. 1091)

A copy of the Declaration of Conformity is available through the myenergi help centre.

www.myenergi.com/compliance/

Radio Equipment (RED)

This device incorporates a 868/915MHz radio and 2.4GHz wireless transmitter and complies with EN62311 for risks to human exposure.

- Radio operates in bands between 868–870MHz / 915–916.3MHz – 14.9dBm max
- Wi-Fi operates between 2412-2484 MHz (802.11 b/g/n) - 18.3 dBm max

Electromagnetic Compatibility (EMC)

This equipment has been designed and tested to fulfil applicable standards for:

- Radio frequency emissions when installed according to the instructions and used in its intended environment
- Immunity to electrical and electromagnetic phenomena when installed according to the instructions and used in its intended environment

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with this instruction manual, may cause harmful interference to radio communications. Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under EU rules.

Electrical Safety

libbi controller

- OVC II, Class 1 device in accordance with IEC 61140
- The supply for controller is 230Vac ±10%
- An overcurrent circuit breaker, maximum 3A, shall be located in the supply. Supply wiring must be 1.5mm min, 300V minimum rated. Wiring shall be installed without stress and free from being scratched by sharp objects
- Installation shall be ≤ 2000m above sea level.

libbi Inverter

- OVC III (mains), OVC II (PV), Class 1 device in accordance with IEC 61140
- The supply for inverter is 230Va.c. ±10%.
- The installer should consider voltage requirements of the unit and account for any likely voltage drop on conductors
- The cross-sectional area of the supply conductors shall be between 4mm² and 6mm².Wiring shall be installed without stress and free from being scratched by sharp objects
- The inverter input must not exceed 1100Vdc
- Installation shall be ≤ 4000m above sea level

Operation after power failure

The libbi is part of the Home Battery which stores life-threatening high voltage current (even when the DC side is turned off). Touching the battery outlets is strictly prohibited.

Privacy Notice

External CTs within the myenergi ecosystem are used to measure electrical current and provide data for minute-level energy monitoring.

When your device is connected to the internet, it will send data to our servers at regular intervals. This includes information about its status, performance, charging events, schedules and energy usage, so we can show you useful information in the myenergi App or myenergi myaccount.

Data on the servers can be accessed by myenergi in order to understand how your device is working, improve our services and resolve Customer or Technical Support queries.

We will only know who you are if you or your installer has registered the device on the myenergi App, myenergi myaccount or myenergi Installer Assistant App.

For more information, please visit www.myenergi.com.

Grid Compliance

When installed, libbi operates the following grid compliant modes: AS/NZS 4777.2:2020 Amd 2:2024

Moisture Protection

If the internal mechanisms of the battery, inverter or controller were exposed to moisture this would likely cause damage. Avoid any repairs or maintenance activities outdoors in adverse weather conditions.

Battery Safety Information

This product is a Lithium Iron Phosphate Battery with certified compliance under the UN Recommendations on Transport of Dangerous Goods, Manual of Tests and Criteria, Part III, subsection 38.3. For battery cell, chemical materials are stored in a hermetically sealed metal case, designed to withstand temperatures and pressures encountered during normal use. As a result, during normal use, there is no physical danger of ignition or explosion and chemical danger of hazardous materials' leakage. However, if the product is exposed to fire, mechanical shocks or electric stress by misuse, the gas release vent will be opened. The battery cell case will be breached at the extreme. Hazardous materials may be released. Moreover, if heated strongly by the surrounding fire, acid or harmful fumes may be emitted.

Material Safety Data Sheet

For detailed information please refer to the Product Information Sheet which can be found on the myenergi website.

https://support.myenergi.com/hc/article_attachments/20570888448913

Product Description

Product Introduction

Thank you for choosing libbi. These instructions will help you to familiarise yourself with the libbi energy storage system. These instructions will help you familiarise yourself with the product, and ensure you get the maximum benefit from your new eco-smart device.

libbi is an energy storage system that enables surplus energy produced by a PV array, or other renewable generation, to be stored for a home's future use, instead of being exported back out to the grid. It can also be installed in homes where no generation is installed, to maximise the benefits of off-peak Time of Use Tariff prices.

libbi can be installed as a standalone product but will work in conjunction with other myenergi products: zappi, eddi, harvi, for a super 'eco-smart' home.

libbi is NOT compatible with zappi V1

First Time User? Register for an Account.

If this is your first myenergi device your installer will talk you through the following simple steps to get your account up and running.

Android users can download the myenergi app on Google Play

Apple users can download the myenergi app in the App Store

Available on the App Store

GET IT ON Google Play

Step 1: Download the myenergi app

1. Open the app and click, 'Register for an account'.
2. Enter an email address and create a password when prompted.
3. Select your contact preferences then click 'next'.
4. Check the email you registered with for a verification code.
5. Enter the code into the app, where requested and press 'next'

Step 2: Set your location and add your first device

1. In the app click the green '+' symbol to add your first location.
2. When asked if you have a 'hub' select, 'No' as this is your first device which already has a built-in virtual hub (vHub).
3. Enter the 'Reg S/N' and 'Reg code' (These can be found in your libbi or vHub enabled device settings; menu > Information > Page 2.).
4. Once complete, your device will now display in your myenergi account and app.

Step 3: Customer Details

1. Visit myaccount.myenergi.com from a web browser.
2. Log in with the same credentials used to register for the app.
3. Click on 'My Dashboard'.
4. In the section titled 'Finish setting up your account', click 'Add account details'.
5. Click 'Edit personal info' and complete the form with the required information.
6. Click, 'Submit'.

Congratulations! You're all set.
You can now use the myenergi app and myaccount to monitor your energy consumption in real time, wherever you are in the world.

Existing Users

Already have a myenergi device and registered account?

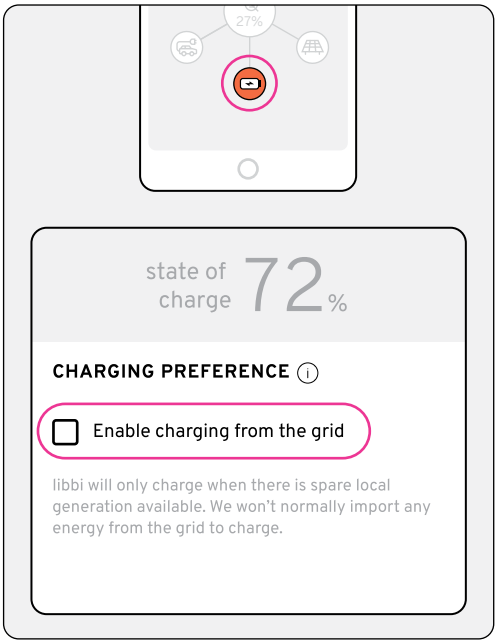
1. Your installer will pair your new device to your existing system.
2. You will see your new device is automatically added to your myenergi account and app.

myenergi app

The myenergi app allows you to control and monitor your myenergi devices, in real-time, from anywhere in the world.

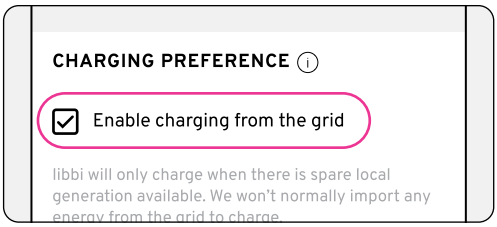
Choose green or grid

You choose whether you want your libbi to charge using energy generated from your solar or wind generation (Green energy) or a mixture of generation and grid. There is a simple tick box in the myenergi app for you to set this option. You can change this at any time.



Green only charging

To use only the energy generated by your solar or wind generation, click the battery symbol on the home screen of your myenergi app, then untick the box labelled "Enable charging from the grid". When unticked libbi will never pull any energy from the grid.



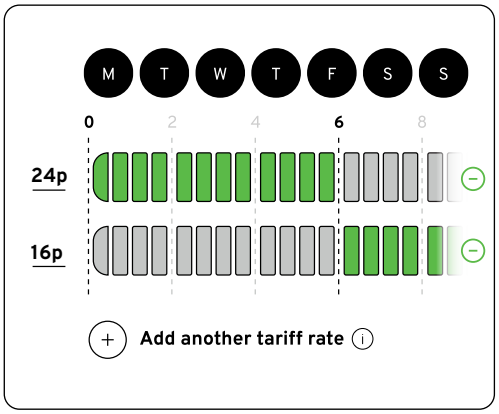
Grid only charging

For customers with no solar or wind generation, you can still have a myenergi libbi. If no generation is present at the property, the box labelled "Enable charging from the grid" will need to be ticked, as the grid will be the only source of energy for your libbi.

You will need to input your electricity tariff details into the app before you can start to charge, so libbi knows when it is cheapest for you and will choose to take and store energy at these cheaper times of the day.

Input Electricity Tariff

If you have chosen to allow libbi to charge from the grid you must input your Electricity Tariff. This is so libbi knows when energy is cheapest for you and will only consume from the grid at those times.
You will be prompted to enter your tariff information in the app;



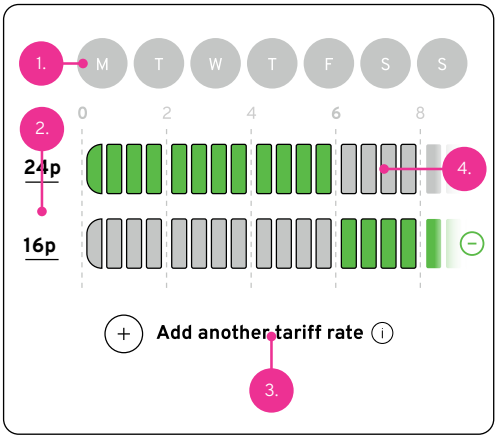
- When the app detects a libbi – If you are an existing myenergi customer with existing products and are already registered with the app, you will receive a pop-up message prompting you to set your tariff information as soon as libbi is detected i.e. when the app notices a libbi has been paired with your existing devices.

- If you tick the box to enable charging from grid – You have chosen to allow charging from the grid, you will receive a pop-up message prompting you to input your tariff details.

Step 1: Select your energy supplier and tariff. The drop down tariff selection options are, Single Rate, Dual Rate or Dynamic Rate.

Step 2: Once you have selected your energy supplier and tariff, click "Set my rates"

Step 3: Assign rates to times of the day on the next screen. If you have multiple rates throughout the day, you can add more by clicking "Add price period".



1. **Days of the week**
   Select and deselect, as required.
2. **Electricity rate**
   enter the rate you pay in pence.
3. **Add price period**
   select to add multiple price periods with different rates.
4. **Time of the day**
   Time in 30 minute increments.
   Select each 30 minute block of time that relates to each price period.

Step 4: If you have different prices for different days of the week, select "Add tariff scheme" to input the full detailed breakdown of day, time and rate.

Step 5: Once you have input your tariff details, select "Save" at the bottom of the screen.

You can amend and change your tariff details at any time by following the same instructions so, if you change supplier or tariff, just remember to hop on over to your app and update your energy tariff details.

If you selected a Single Rate Tariff at Step 2, it will not take you through to the next screen to enter your schedule of rates. As your rate is always the same, libbi does not need to know when it is 'cheaper' for you and will not charge from the grid.

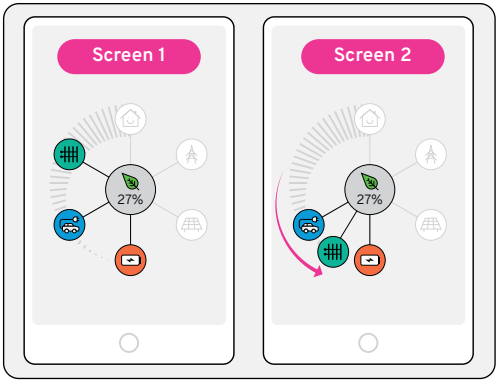
Setting Priorities

If you have multiple myenergi devices you can control how energy is distributed to each of them in your app and it couldn't be simpler.

Using your finger, simply select the device you want to move and drag it to the priority position you want it to take.

The higher up towards the house icon, the higher the priority for surplus energy. The lower down and further away from the house icon the lesser the priority for surplus energy.

If you have a myenergi eddi and/or zappi, regardless of the settings you have selected, libbi can only provide energy to the zappi and/or eddi if they are above them in priority. i.e. Anything below the house icon receives surplus energy in the order of priority, going downwards. Going upwards libbi will only provide energy to anything shown above it in priority.



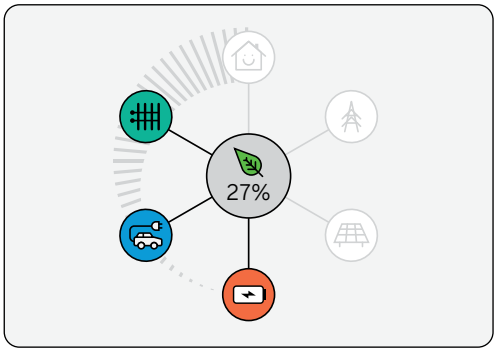
Screen 1, above, shows eddi as the highest priority and libbi as the lowest priority. So, eddi will receive any surplus energy first, followed by zappi and lastly followed by libbi. As libbi is below both zappi and eddi, libbi can supply energy to them both (depending on the settings you have selected for your zappi and eddi devices).

Screen 2, eddi has been dragged to the bottom which means eddi is now the lowest priority to receive surplus energy. libbi has been moved to the 'same' priority as zappi. Because they are the same priority, they will both receive surplus energy equally.

Priorities Explained

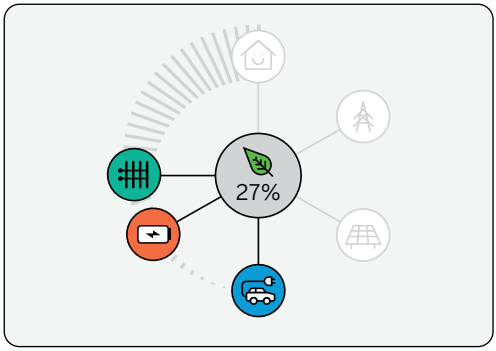
Example 1

For surplus generation energy, eddi is the highest priority, followed by the zappi, then followed by the libbi. This means eddi will receive any surplus energy first before it is offered to the zappi and lastly it will be given to the libbi, providing eddi and zappi aren't in requirement of it. libbi is below both zappi and eddi meaning it can provide energy to both devices (depending on the preference you've selected either in your myenergi app or on the eddi/zappi device itself).



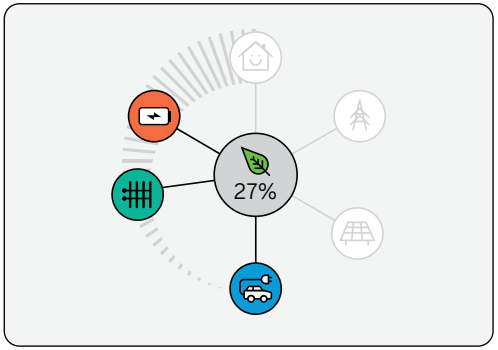
Example 2

For surplus generation energy, eddi and libbi are of equal highest priority so they will receive any surplus energy, equally, first. Surplus energy will lastly be offered to zappi which is lowest priority. libbi will not provide energy to devices on the same or lower priority than it.



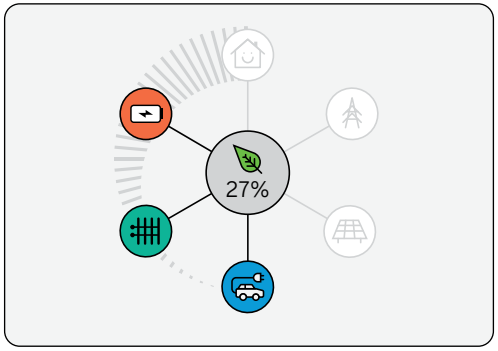
Example 3

For surplus generation energy, libbi and eddi are of equal highest priority so they will receive any surplus energy equally first. Surplus energy will lastly be offered to zappi which is lowest priority.
libbi will not provide energy to devices on the same or lower priority than it.



Example 4

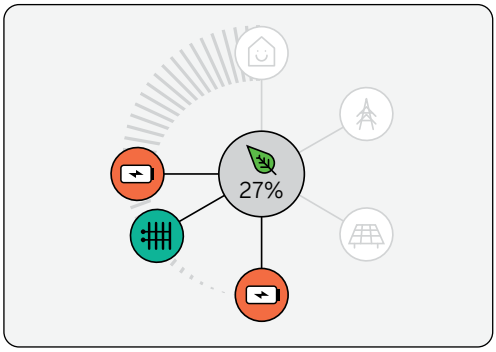
For surplus generation energy, libbi is the highest priority, followed by the eddi, then followed by the zappi. This means libbi will receive any surplus energy first before it is offered to the eddi and lastly it will be offered to the zappi, providing eddi and libbi aren't in requirement of it. libbi is above both zappi and eddi meaning it cannot provide energy to either device. However, libbi can still provide energy to the home.



Example 5

This myenergi eco-system consists of two libbis and an eddi. We will refer to the highest libbi as libbi 1 and the lowest libbi as libbi 2, for this example.

For surplus generation energy, libbi 1 is the highest priority, followed by the eddi, then followed by libbi 2. This means libbi 1 will receive any surplus energy first before it is offered to the eddi and lastly it will be given to the libbi 2, providing eddi and libbi 1 aren't in requirement of it. libbi 1 is above eddi, meaning it cannot provide energy to it but it can still provide energy to the home. libbi 2 is positioned below eddi, meaning libbi 2 can provide energy to eddi as well as to the home.



libbi and zappi

For customers with a myenergi libbi and zappi, as well as being able to prioritise your devices, as spoken about in the previous section, you can also decide whether you want zappi to charge using your libbi or not.

Compatibility

libbi is not compatible with zappi V1 but is compatible with all later models.

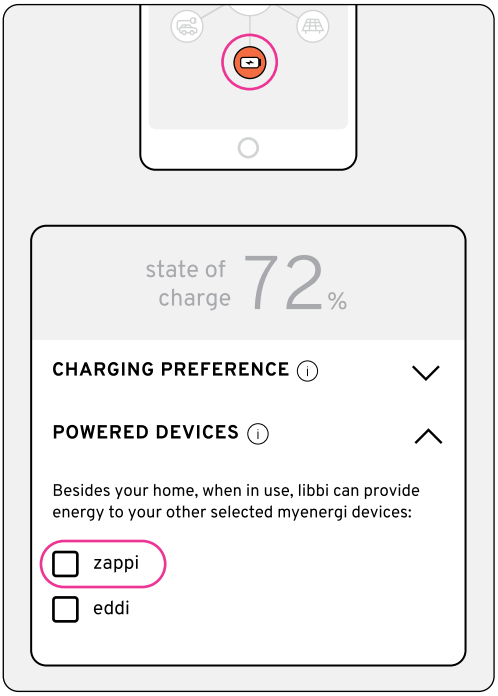
When libbi is installed into an existing myenergi eco-system your installer must ensure all existing compatible devices are on the most current firmware in order for them to work with the libbi.

myenergi app (libbi and zappi)

In your myenergi app, there is the option to select whether or not you want zappi to consume from your libbi and it is a simple tick box.

Go to your app home screen and click the battery symbol. On the next page, scroll down to “Powered Devices”. If you would like libbi to provide energy to zappi then tick the box. If you would prefer libbi to never provide energy to zappi, leave this box unticked.

If you have more than one zappi, libbi will provide power equally to all devices, when plugged in at the same time, depending on your priority settings.



zappi – FAST Mode

If using zappi in FAST mode, zappi will not use energy from libbi. zappi will always charge from the grid or availble generation when in FAST Mode.

Refer to page 11 to understand how your priority settings may override the decisions you’ve selected in the above section.

libbi and eddi

For customers with a myenergi libbi and eddi, as well as being able to prioritise your devices, as spoken about in the previous section, you can also decide whether you want eddi to use energy from your libbi or not.

Compatibility

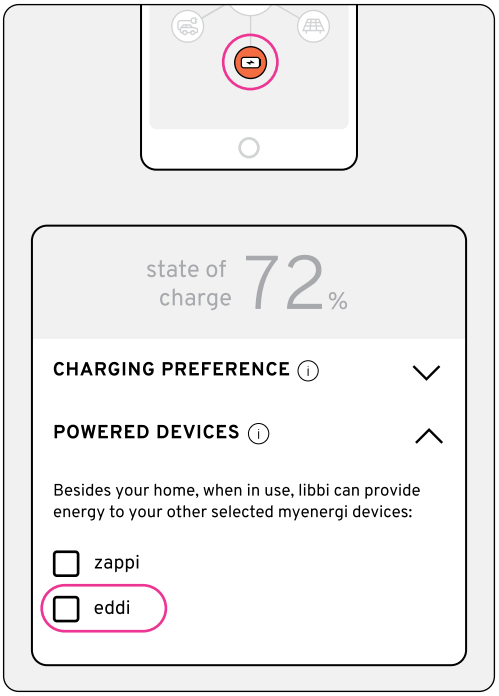
libbi is compatible with all eddi models.
When libbi is installed into an existing myenergi eco-system, your installer must ensure all existing compatible devices are on the most current firmware in order for them to work with the libbi.

myenergi app (libbi and eddi)

In your myenergi app, there is the option to select whether or not you want eddi to consume from your libbi and it is a simple tick box.

Go to your app home screen and click the battery symbol. On the next page, scroll down to “Powered Devices”. If you would like libbi to provide energy to eddi then tick the box. If you would prefer libbi to never provide energy to eddi, leave this box unticked.

If you have more than one eddi, libbi will provide power equally to all devices, when plugged in at the same time, depending on your priority settings.

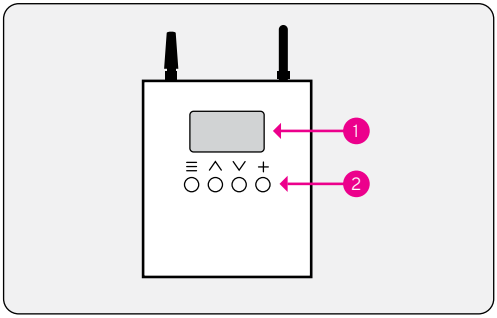


eddi and Boost / Timed Boost

Regardless of all selected settings, eddi will never use energy from libbi when in Boost or Timed Boost Mode.

Refer to page 11 to understand how your priority settings may override the decisions you’ve selected in the above section.

Controller Overview



1. Display	Graphic LCD display LED backlight
2. Control buttons	Four tactile buttons to navigate the menus and alter settings

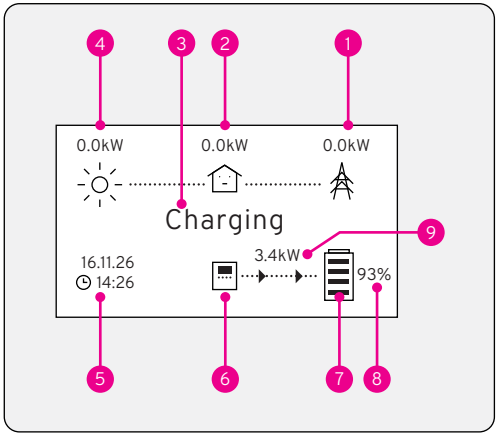
Enter menu (from main screen)
Exit current menu

Move up a menu item
Increase Value

Move down a menu item
Decrease Value

Select item
Confirm value and move to next setting

Controller Status Screens



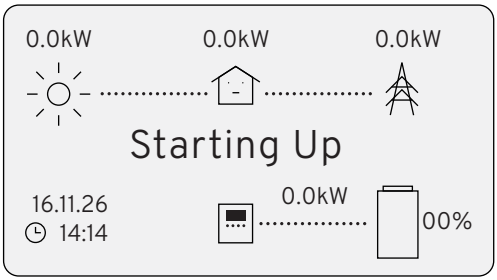
1.	**Import/Export Power:** The power imported/ exported from the grid (kW). The arrow direction indicates if importing (left) or exporting (right).
2.	**House Load Power:** Power the property is currently using (kW). This option requires a generation CT or PV to be connected directly into libbi.
3.	**Operating Mode:** Current operating mode (status) of the libbi.
4.	**Generation Power:** Power being generated by solar or wind generation, if applicable. To measure this a CT must be connected to generation or PV directly connected into libbi.
5.	**Date & Time:** Current date and time.
6.	**libbi Controller Icon**
7.	**libbi Battery Icon:** Indicates the current charge state of the battery.
8.	**Current Battery State of Charge (SoC):** Indicates the percentage of charge within the battery.

Common Status Screens

This section gives you a brief overview of some of the common status screens you can expect to see on your libbi controller display and what they mean.

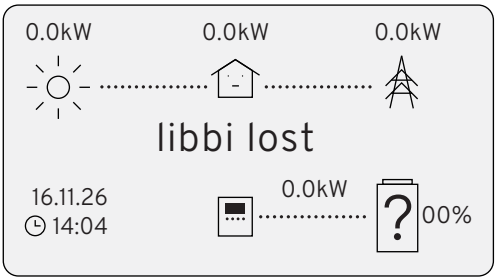
Starting Up

Seen briefly at start up when libbi first powers on.



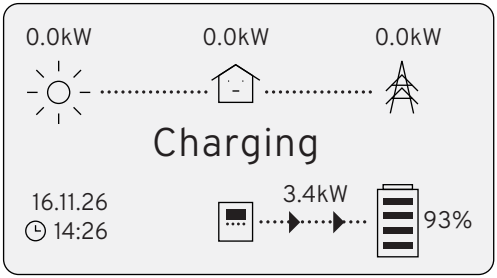
libbi lost

libbi controller has lost communication with the libbi inverter and battery.



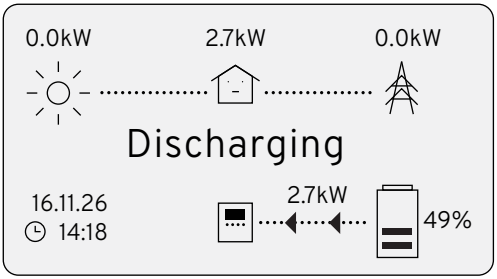
Charging

libbi battery is being charged.



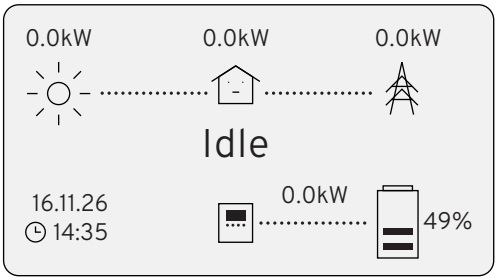
Discharging

libbi battery is discharging.



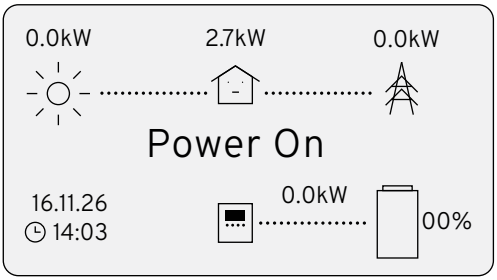
Idle

Appears when libbi is not charging or discharging.



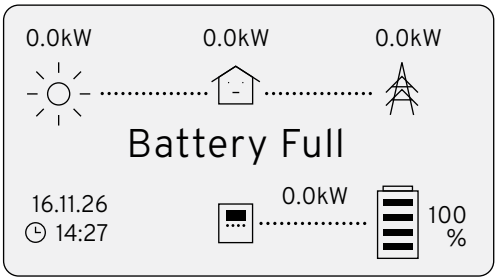
Power On

Appears after the 'starting up' screen and shows libbi controller is powering on.



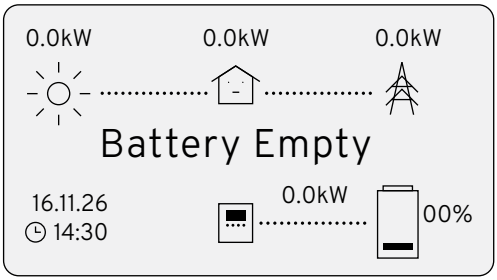
Battery full

The battery is fully charged.



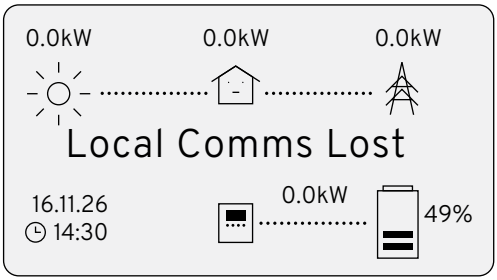
Battery Empty

The battery is fully charged.



Master lost

libbi is a slave device and has lost communication with the master device.



Advanced menu

The Advanced Menu is where you can find the setting to reset the Wi-Fi and Restore Settings to your device, should you ever need to.

Restore Settings

Restoring settings will reset:

- Backlight time
- Display contrast
- Generation icon visibility
- Auto DST
- Date format

Follow the steps below:

1. Navigate to the Advanced Menu
2. Click on “Restore Settings”.
3. Press tick to confirm.

Reset Wi-Fi Settings

If you are ever required to reset your Wi-Fi settings, for example, because you have switched providers and have a new router or you have moved home, follow the steps below:

1. Navigate to the Advanced Menu
2. Click on “Reset WiFi Settings”.
3. Press tick to confirm.
4. You will then need to set-up the WiFi to your device again. For instructions on how to do this, scan visit our Help Centre by scanning the QR code or clicking on the link below.

If no valid Wi-Fi credentials are available or AP mode is manually turned on, the myenergi device enters Access Point mode, creating a temporary local hotspot for configuration. This mode lasts 15 minutes and will automatically disable, requiring reactivation if needed; the time limit is fixed.

With Wi-Fi AP mode turned on, you can connect directly to your myenergi device using a web browser. Enter the device’s local IP address (usually 192.168.4.1) to access the setup page.

The first time you do this, you’ll be asked to create a password. This is used to protect your zappi settings.

You need to complete this step before the device can connect to your home network and access online services.

support.myenergi.com/hc/en-gb

Firmware Updates

Updating the firmware on your devices is very important to ensure they continue to work as they should, and they remain secure.

To check for available firmware updates, on your controller menu, navigate to;

Device Settings > Firmware Update
Firmware updates will automatically download in the background as and when available. Downloaded firmware can be installed by navigating to this screen and selecting “install”.

If any updates are available, they will be listed here.

Operation After Power Failure

In the event of a power cut libbi will automatically reboot itself once connection to the grid has been re-established.

If you have back-up connected your libbi will switch over to the back-up circuit using energy stored in libbi to power it. Once grid connection has been re-established, libbi will automatically switch from back up mode back to grid mode.

Fault codes

Code 58: Generation CT Polarity

Polarity of the gen CT is the wrong way around.
1. Contact installer.
2. If problem persists, contact myenergi Tech Support.

Code 101: Battery Empty

Status only - The minimum state of charge has been met.

Code 102: Battery Full

Status only - The maximum state of charge has been met

Code 106: Grid CT Lost

Grid readings have been lost, device has stopped to be safe.
1. Contact installer.
2. If problem persists, contact myenergi Tech Support.

Code 107: Local Comms Lost

Load control device has been lost, device has stopped to be safe.
1. Ensure master device is powered on.
2. Check pairing of all devices and re-pair, if necessary.
3. Check all devices are on the same channel.
4. If issue cannot be resolved, call myenergi Tech Support.

Code 151: Inverter Undervoltage

The inverter reports low grid voltage.
1. Contact installer
2. If issue persists, contact myenergi Tech Support.

Code 152: Inverter Overvoltage

The inverter reports high grid voltage.
1. Contact myenergi Tech Support.

Code 153: Inverter Under Frequency

The inverter reports low grid frequency.
1. Contact myenergi Tech Support.

Code 154: Inverter Over Frequency

The inverter reports high grid frequency.
1. Contact myenergi Tech Support.

Code 156: Battery Lost

Communications between the battery and inverter have failed.
1. Check battery is turned on.
2. Contact installer.
3. Contact myenergi Tech Support.

Code 157: Battery Undervoltage

Battery voltage is under threshold.
1. Reboot Battery.
2. If issue persists, contact myenergi Tech Support

Code 158: Battery Voltage Low

Reporting low battery voltage.
1) Reboot battery.
2) If issue persists, contact myenergi Tech Support.

Code 159: Battery Voltage High

Reporting high battery voltage.
1) Reboot battery.
2) If issue persists, contact myenergi Tech Support.

Code 160: Overload

Inverter circuit overloaded. Occurs when the demand is more than the inverter can deliver, when in backup mode.
1) Turn off loads powered by the backup circuit.
2) If problem persists, contact myenergi Tech Support

Code 161: GFCI Over Threshold

Inverter internal protection triggered due to internal fault in inverter.
1) Contact myenergi Tech Support.

Code 163: Fan Fault

Inverter fan fault detected.
1) Contact myenergi Tech Support.

Code 164: Bat Under Capacity

Battery power is insufficient to discharge.
1) Contact myenergi Tech Support.

Code 165: BMS Discharge Over Current

1) Reboot battery.
2) If issue persists, contact myenergi Tech Support.

Code 166: BMS Charge Over Current

1) Reboot battery.
2) If issue persists, contact myenergi Tech Support.

Code 167: BMS Over Voltage

1) Reboot battery.
2) If issue persists, contact myenergi Tech Support.

Code 168: BMS Over Temperature

Check ambient temperature at install site.

1. Contact myenergi Tech Support.
2. Code 169: BMS Discharge Temperature Low
3. Check ambient temperature at install

Code 169: BMS Discharge Temperature Low

1. Check ambient temperature at install site.
2. Contact myenergi Tech Support.

Code 170: Battery Voltage Imbalance

1. Reboot battery.
2. If issue persists, contact myenergi Tech Support.

Code 171: BMS Communications Fault

1. Reboot battery.
2. Contact installer.
3. If issue persists call Tech Support.

Code 172: BMS Under Voltage

1. Reboot battery.
2. Contact installer.
3. If issue persists, contact myenergi Tech Support.

Code 173: BMS Charge Temperature Low

1. Check ambient temperature at install site.
2. Contact Tech Support.

Code 174: BMS Voltage High

3. Reboot battery.
4. If issue persists, contact myenergi Tech Support.

Code 175: BMS Temperature High

1. Check ambient temperature at install site.
2. Contact myenergi Tech Support.

Code 179: Grid CT Polarity

Grid CT may be the wrong way around.

1. Contact installer.
2. If issue persists, contact myenergi Tech Support.

Code 183: Inv Comms Lost

1. Check inverter and controller are turned on.
2. Contact installer.
3. If problem persists, contact myenergi Tech Support

Code 184: Controller Undervoltage

1. Contact DNO (Distributed Network Operator).
2. If issue persists, contact myenergi Tech Support.

Code 185: Controller Overvoltage

1. Contact DNO (Distributed Network Operator).
2. f issue persists, contact myenergi Tech Support.

Code 186: Controller Under Frequency

1. Contact DNO (Distributed Network Operator).
2. If issue persists, contact myenergi Tech Support.

Code 187: Controller Over Frequency

1. Contact DNO (Distributed Network Operator).
2. If issue persists, contact myenergi Tech Support.

Code 201: Soft Timeout

1. Power down following the power down procedure.
2. If issue persists, contact myenergi Tech Support.

Code 202: Internal Voltage Short

1. Power down following the power down procedure.
2. If issue persists, contact myenergi Tech Support.

Code 203: GFCI Sensor Fault

1. Power down following the power down procedure.
2. If issue persists, contact myenergi Tech Support.

Code 205: Bus Low Fault

1. Power down following the power down procedure.
2. If issue persists, contact myenergi Tech Support.

Code 206: Bus High Fault

1. Power down following the power down procedure.
2. If issue persists, contact myenergi Tech Support.

Code 207: Bus Short Fault

1. Power down following the power down procedure.
2. If issue persists, contact myenergi Tech Support.

Code 208: PV ISO Under

1. Power down following the power down procedure.
2. Contact installer.
3. If issue persists, contact myenergi Tech Support.

Code 209: PV Input Short Circuit

1. Disconnect PV safely using the DC isolator.
2. Power down following the power down procedure.
3. Contact installer.
4. If issue persists, contact myenergi Tech Support.

Code 210: Bypass Relay Fault

1. Disconnect PV safely using the DC isolator.

2. Power down following the power down procedure.
3. Contact installer.
4. If issue persists, contact myenergi Tech Support.

Code 211: Inverter Overcurrent

1. Wait 5 minutes for inverter to restart.
2. If issue persists, power down following the power down procedure.
3. Contact installer.
4. If problem still persists, contact myenergi Tech Support.

Code 212: Inverter DC Over

1. Power down following the power down procedure.
2. If issue persists, contact myenergi Tech Support

Code 213: Ambient Over Temperature

1. Check ambient temperature at install site.
2. Power down following the power down procedure.
3. Power up libbi following the power up procedure.
4. If problem persists, contact myenergi Tech Support.

Code 214: Sink Over Temperature

1. Check ambient temperature at install site.
2. Power down following the power down procedure.
3. Power up libbi following the power up procedure.
4. If problem persists, contact myenergi Tech Support.

Code 215: Grid Relay Fault

1. Disconnect PV safely using the DC isolator.
2. Power down following the power down procedure.Power up libbi following the power up procedure.
3. Reconnect PV.
4. Contact installer.
5. If issue persists, contact myenergi Tech Support.

Code 216: Discharge Overcurrent

6. Wait 1 minute for inverter to restart.
1. Power down following the power down procedure.
2. Power up libbi following the power up procedure.
3. If problem persists, contact myenergi Tech Support.

Code 217: Charge Overcurrent

1. Contact installer.
2. If issue persists, contact myenergi Tech Support.

Code 219: Inverter Abnormal

1. Power down following the power down procedure.
2. Power up libbi following the power up procedure.
3. If issue persists, contact myenergi Tech Support.

Code 220: EPS Relay Fault

1. Disconnect PV safely using the DC isolator.
2. Power down following the power down procedure.
3. Power up libbi following the power up procedure.
4. Reconnect PV.
5. Contact installer.
6. If issue persists, contact myenergi Tech Support.

Code 232: SCI Fault

1. Power down following the power down procedure.
2. Power up libbi following the power up procedure.
3. If issue persists, contact myenergi Tech Support.

Code 233: SoC Recovery

Status only - Libbi is charging to keep its SoC above a safety threshold

Code 234: Calibration Charge

Status only - Libbi is performing its calibration charge on first install

Code 251: Upgrading DSP

Status only - DSP upgrade on inverter has started - Will clear when upgrade is complete.

Code 252: Upgrading ARM

Status only - ARM upgrade on inverter has started - Will clear when upgrade is complete.

Warranty

Full details of the myenergi product warranty are available on our website or by using this QR code.

www.myenergi.com/terms-and-conditions/myenergi-product-warranty/

Help Centre & Downloads

If you experience any issues with your myenergi device or wish to download the datasheet for the libbi, please visit our Help Centre by scanning the QR Code or clicking the link below.

support.myenergi.com/hc/en-gb

UK
myenergi
Pioneer Business Park
Faraday Way
Stallingborough
Grimsby
DN41 8FF
United Kingdom

+44 333 300 1303
www.myenergi.com

IRELAND
myenergi
56 Fitzwilliam Square North,
Dublin 2,
D02 X224
Ireland

NI: +44 28 204 40606
ROI: +353 1 200 3003
www.myenergi.com/ie/

AUSTRALIA
myenergi APAC Pty Limited
40 Robbs Road
West Footscray
Victoria 3012
Australia

+61 1300 743 443
www.myenergi.com/au/

NETHERLANDS
myenergi BV
Fregatweg 60-62
6222NZ
Maastricht-North
Limburg
Netherlands

+31 85 400 5522
www.myenergi.com/nl/

DEUTSCHLAND
myenergi GmbH
Rheinpromenade 13
40789 Monheim am Rhein
Germany

+49 221 84644 555
www.myenergi.com/de