USER MANUAL

English

V1.2

EcoFlow PowerOcean DC Fit

CONTENTS

About This Manual

DISCLAIMER

Please read the product documents and ensure that you understand it fully before using the product. After reading this document, keep it for future reference. Improper use of this product may cause serious injury to yourself or others, or cause product damage and property loss. Once you use this product, it is deemed that you understand, approve and accept all the terms and content in this document. EcoFlow is not liable for any loss caused by the user's failure to use the product in compliance with the product document.

In compliance with laws and regulations, EcoFlow reserves the right to the final interpretation of this document and all documents related to the product. This document is subject to changes (updates, revisions, or termination) without prior notice. Please visit EcoFlow's official website to obtain the latest product information: https://www.ecoflow.com/

INTENDED USE

This User Manual complements the product's Installation Guide. While the Installation Guide offers instructions for the installation and initial setup of the product, this manual provides a general understanding of product functions and features.

Please note that all illustrations in this manual are for demonstration only and may vary from the actual product due to regions and firmware versions.

INTENDED USER

This manual is intended for qualified persons and end users. Please note that only qualified persons are allowed to perform professional or skilled work on the equipment, such as installation, maintenance, or other electrical operations.

Safety Instructions

SYMBOL CONVENTIONS

Symbol	Description
⚠ DANGER	Indicates a hazard with a high level of risk which, if not avoided, will result in death or serious injury.
⚠ WARNING	Indicates a hazard with a medium level of risk which, if not avoided, could result in death or serious injury.
⚠ CAUTION	Indicates a hazard with a low level of risk which, if not avoided, could result in minor or moderate injury.
NOTICE	Indicates a potentially hazardous situation that, if not avoided, could result in equipment damage, data loss, performance deterioration, or unanticipated results. **NOTICE** is used to address practices not related to personal injury.
💡	Indicates additional information that promotes understanding of the product or a topic.

GENERAL SAFETY

⚠ DANGER

1. Do not work with power on during installation or maintenance.
2. Do not touch the energized equipment, as the enclosure is hot.
3. Do not touch the exposed electrical cable or parts with bare hands.

⚠ WARNING

4. When the photovoltaic (PV) array is exposed to light, it supplies direct current voltage to the power conversion equipment (PCE).
5. Do not use the equipment as backup power for important devices, such as data centers, elevators, and life-sustaining medical devices.

⚠ CAUTION

6. The PV modules connected to this equipment must meet application class A (safety class II)of IEC 61730-1 and must be compatible with this equipment.
7. Do not ground the PV array positive/negative hole.
8. Do not touch enclosure of the equipment during operation.
9. Do not operate outdoor equipment and cables in harsh weather conditions such as lightning, thunder, and hurricanes.
10. Do not disassemble or modify the equipment hardware without permission from the manufacturer.

NOTICE

11. Do not reverse engineer, decompile, disassemble, adapt, add code to the equipment software, or alter the equipment software in any other way. Avoid any operation that violates the original design specifications of the product hardware and software.
12. Do not scrawl, damage, or block any warning labels on the equipment.
13. Do not clean the equipment with flammable or toxic solvents. Wipe it with a dry soft cloth.

ENVIRONMENT REQUIREMENTS

- Operating Temperature: –20°C (–4°F) to 50°C (122°F), derating at temperature > 40°C.
- Operating Humidity: 4%-100% RH (Condensing).
- Storage Temperature: –20°C (–4°F) to 50°C (122°F).

⚠ WARNING

14. Install the equipment in a tidy, dry, and well-ventilated environment.
15. Do not expose the equipment to direct sunlight, rain, and snow.
16. Do not install or operate the equipment near any sources of heat, fire, or water.
17. Do not place the equipment on a tilted or uneven ground.
18. Do not block or restrict the heat dissipation system of the equipment.
19. Keep the equipment away from solvents, explosive material, flammable material, and infrared radiation.
20. Keep the equipment away from children and from areas where people live or work.

NOTICE

21. Keep the equipment at least 500 m away from the sea to prevent salt corrosion.
22. Do not leave leftover items in installation area like cardboard boxes, foam, plastic, and wires.

PERSONNEL REQUIREMENTS

⚠ DANGER

23. Only qualified professionals are allowed to install or maintain the equipment.
24. Wear suitable personal protective equipment (PPE) for all professional or skilled work on the equipment.
25. Personnel who plan to install, maintain, or perform electrical operations on the equipment must receive thorough training, and be familiar with all necessary safety precautions and instructions.
26. Personnel who plan to perform special operations should have the necessary local or national qualifications for tasks such as high-voltage operations, working at heights, and so on.

💡 Professionals: personnel who are trained or experienced in equipment operations and are clear of the sources and degree of various potential hazards in equipment installation, operation, and maintenance.

⚠ WARNING

27. When moving heavy equipment, assign enough personnel to prevent personal injury and equipment damage.
28. When installing, strictly prevent screws, nuts and spacers from falling inside the equipment or the gap between the equipment and wall.
29. When drilling screw holes, avoid drilling into water pipes and electrical wires.

ELECTRICAL SAFETY

Grounding

⚠ DANGER

30. When installing the equipment, connect the protective earthing cable first. When dismantling it, remove protective earthing cable last.
31. All grounding terminals should be fully connected.
32. Do not operate the equipment in the absence of a properly installed ground conductor.
33. Do not damage the ground conductor.
34. Ensure that the equipment is connected permanently to the protective ground.
35. Before operating the equipment, check the electrical connection to ensure that the equipment is securely grounded.

Electrical connection

⚠ WARNING

36. Before connecting any electrical cables, ensure that all equipment, components, cables, and terminals are in good condition to prevent electric shocks or fires.
37. Ensure that all electrical connections comply with local electrical standards.

38. Use dedicated insulated tools when performing high-voltage operations.

⚠ CAUTION

39. Before servicing, disconnect all power to the equipment and wait for the corresponding delayed discharge time to ensure that the equipment is completely de-energized.

Cabling

⚠ WARNING

40. Ensure that the cable used in connections meet local regulations and the manufacturer' s recommended specifications.
41. The cabling path must avoid the equipment heat dissipation system and parts.
42. The distance from cables to heat-generating components or areas must be at least 30 mm.
43. The distance from cables to each other must be at least 30 mm when routing different types of cables. Mutual entanglement or cross-deployment is not allowed.
44. Only bind cables of the same type together.

DISPOSAL

For information on the disposal of electrical and electronic equipment, please visit the following website:
https://eu.ecoflow.com/pages/electronic-devices-disposal.

STORAGE

The following requirements should be met if the equipment is not put into use directly:

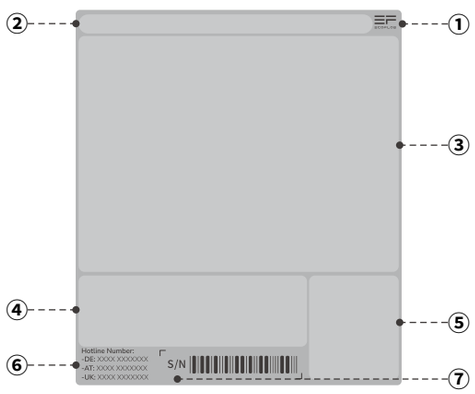
1. Storage Temperature: –20°C to 50°C (–4°F to 122°F).
2. Store the equipment in the original packaging.
3. Store the equipment in a clean and dry place and be protected from dust and water vapor corrosion.
4. Do not place the equipment near water, fire or other heat sources (heaters, direct sunlight, gas ovens, and so on).
5. During the storage period, check the equipment condition periodically.
6. If the equipment has been stored for a long time (more than 6 months), it must be checked and tested by professionals before being put into use.

For details about battery maintenance, see EcoFlow PowerOcean LFP Battery User Manual at https://enterprise.ecoflow.com/documentation.

RESIDUAL CURRENT DEVICE (RCD) SELECTION

EcoFlow recommends using an RCD with a rated residual operating current of 100mA to avoid electrical shock and nuisance tripping. However, if there are specific local regulations regarding RCD, please ensure to adhere to those.

PRODUCT NAMEPLATE



① Trademark
② Product name
③ Key technical specifications
④ Manufacturer information
⑤ Compliance symbols
⑥ Product support hotline
⑦ Serial Number

The nameplate figure is for reference only.

SYMBOLS ON ENCLOSURE OR NAMEPLATE

Symbol	Meaning
	Caution! Risk of Electric Shock 1. Do not remove the cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel. 2. High voltage exists after the equipment is powered on. Only qualified and trained electrical technicians are allowed to perform operations on the equipment. Ground the equipment before powering it on.
	Caution! Risk of Danger 1. Disconnect the equipment from all voltage sources before servicing. 2. Do not disconnect under load. **Warning: Risk of Fire** The equipment contains high energy during operation. Do not use it in any habitable space or area.
5 mins	**Caution! Risk of Electric Shock** Wait at least 5 minutes after all voltage sources are disconnected before servicing.
	Caution! Hot surface Do not touch the enclosure of the equipment during operation.
	Refer to Documentation Read all documentation supplied with the product.
	Protective Earth (Ground) Indicates the position for connecting the protective earthing (PE) cable.
	WEEE Directive Do not dispose of the product together with household waste but follow the local disposal regulations for electronic waste.
CE	**CE Marking** The product complies with the essential requirements of the relevant EU legislation.
S/N	**Serial Number** Indicates the SN of the equipment.

The labels are for reference only.

ECOFLOW WARRANTY PROGRAM

The EcoFlow PowerOcean DC Fit comes with a standard warranty program. During the product warranty period, EcoFlow or authorized installers will provide users with:

1. online Q&A, guidance, and troubleshooting;
2. product return to the factory for maintenance;
3. refurbished or complete machine for replacement and other services according to the actual situation.

Materials/accessories, maintenance labor and logistics costs incurred during the warranty period are borne by EcoFlow.

Technical Support: support.eu@ecoflow.com

- **10-Year Warranty**

Device Name	EcoFlow PowerOcean PV Storage Converter
Model	EF PD-5-S1
Warranty Time	10-Year (120 Months)
Warranty Start Date	This Product stipulates that the warranty starts from the completion of the machine installation or one year after the machine leaves the factory, whichever comes first.

- **15-Year Warranty**

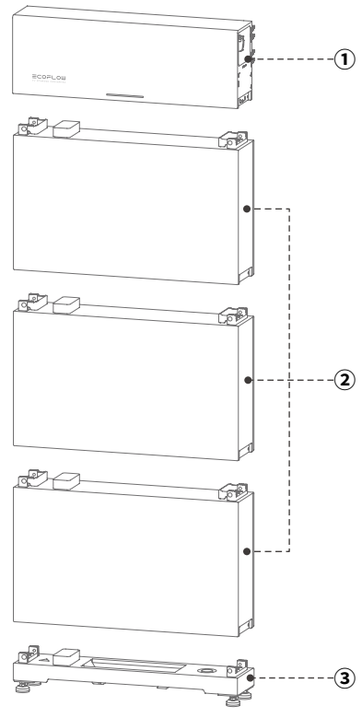
Device Name	EcoFlow PowerOcean LFP Battery Pack EcoFlow PowerOcean LFP Battery Base
Model	Battery Pack: EF BD-5.1-S1 Battery Base: EF BD-B-S1
Warranty Time	15-Year (180 Months)
Warranty Start Date	This Product stipulates that the warranty starts from the completion of the machine installation or one year after the machine leaves the factory, whichever comes first.

System Introduction

MODULE

EcoFlow PowerOcean DC Fit is an easy and unique PV-coupled retrofit battery storage solution. It enables direct connection of the battery to the solar system on the PV side, eliminating the need for an additional storage inverter. This streamlined installation process saves valuable time while maximizing the efficiency of the user's existing solar power system.

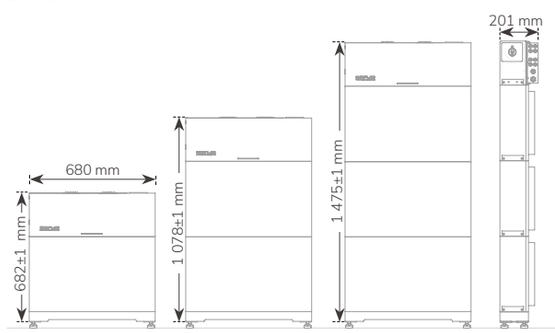
EcoFlow PowerOcean DC Fit (hereinafter referred to as **the system** or **the storage system**) consists of three main modules:



1	EcoFlow PowerOcean PV Storage Converter (EF PD-5-S1)
2	EcoFlow PowerOcean LFP Battery Pack* (EF BD-5.1-S1)
3	EcoFlow PowerOcean LFP Battery Base (EF BD-B-S1)

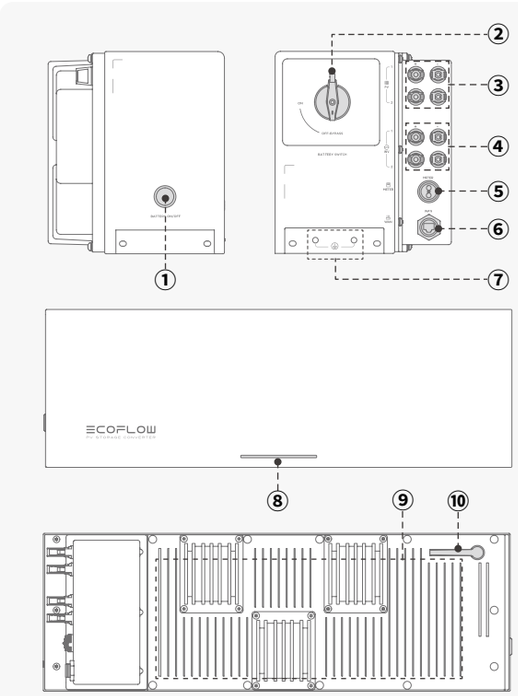
*The battery module is expandable to 3 batteries.

DIMENSION



APPEARANCE

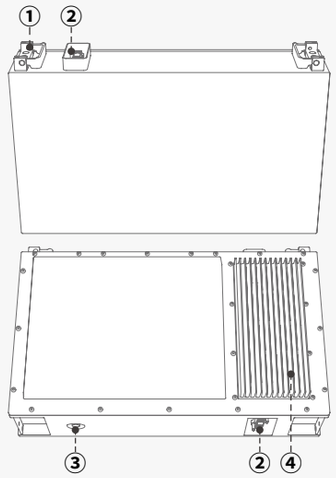
- EcoFlow PowerOcean PV Storage Converter



① Battery Button
② Battery Switch
③ PV Terminals
④ INV Terminals
⑤ Meter Port
⑥ WAN Port
⑦ Grounding Terminals
⑧ LED Indicator
⑨ Heat Sinks
⑩ Wi-Fi Antenna

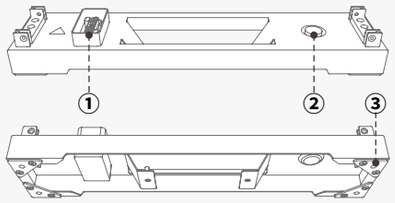
	Appearance	Definition	Description
①		BATTERY BUTTON	Long press to turn on or off the EcoFlow PowerOcean DC Fit.
②		BATTERY SWITCH	**Flip the switch to change the system mode.** **ON:** When switched to **ON**, the system stores the excess electricity generated by PV strings, and then supplies it to the home load when solar power is insufficient. **OFF-BYPASS:** When switched to OFF-BYPASS, the system does not function as a power storage or backup unit. The electricity produced by PV strings goes to the PV inverter through the converter.

- EcoFlow PowerOcean LFP Battery Pack



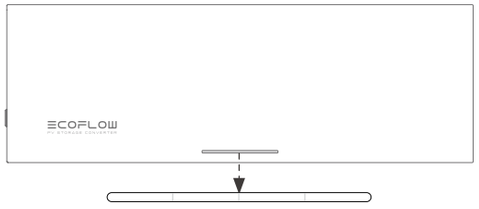
① Lifting Handle
② Battery Docking Terminal
③ Pressure release valve
④ Heat Sinks

- EcoFlow PowerOcean LFP Battery Base



① Lifting Handle
② Gradienter
③ Adjustable feet mounting holes

LED EXPLANATION



		Solid White
		Solid Orange
On		Flashing White
		Flashing Orange
		Carousel white
Off		/

System Reminder

LED Status	Description
	The converter is energized by a DC voltage source (PV or battery pack), but the system is not functioning or is not completely powered-off. • **To turn on the system:** Press and hold the BATTERY ON/OFF button for about 5 seconds. Wait until the LEDs light up and then flash twice. • **To power off the system:** Turn the BATTERY SWITCH to OFF-BYPASS position.

OTA (Over-the-air) Reminder

LED Status	Description
	The over-the-air update is in progress.

Discharge Status

LED Status	Battery Level
	<5%
	5%-25%
	25%-50%
	50%-75%
	75%-100%

Charge Status

LED Status	Battery Level
	0%-25%
	25%-50%
	50%-75%
	75%-99%
	100%

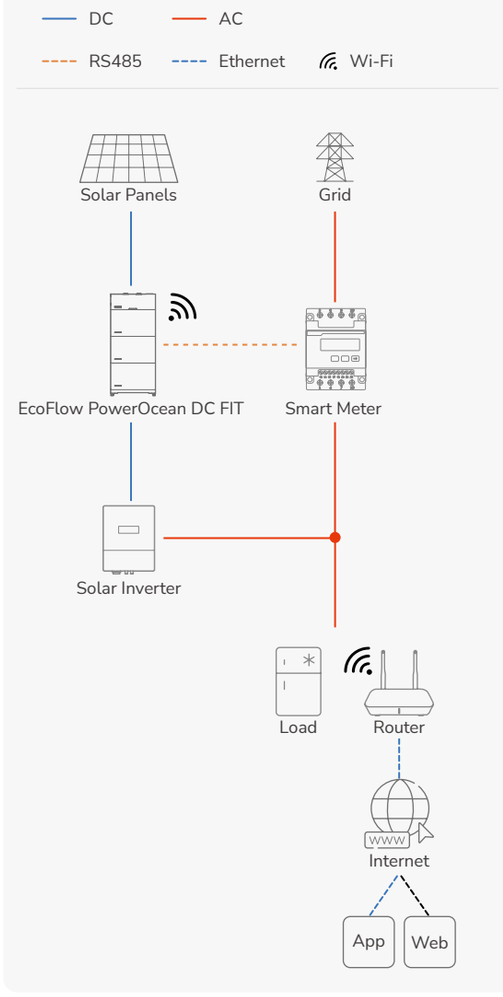
Faulty Status

LED Status	Description
	Abnormal System installation. Check if all equipment is installed correctly and securely.
	Abnormal smart meter communication.
	Battery is faulty.
	Converter is faulty.
	Abnormal IoT communication.
	Abnormal battery communication.
	Abnormal converter communication.

If the LED displays a faulty status, visit the **EcoFlow / EcoFlow Pro** app to retrieve the error code and its corresponding solutions.

System Installation

OVERVIEW



PROCEDURE

⚠ CAUTION

- Only professionals with appropriate qualifications can perform the following activities.

Topic in Installation Guide	Description
Preparing Tools and Instruments	Get to know the tools or equipment that will be used during the installation.
Package Inspection	Get to know the delivery scope of product packages.
Installation Environment	Get to know the environment and space requirements for the installation.
Installation Space	
System Installation	**Instructions for hardware installation:** 1. How to install a battery base; 2. How to install battery packs; 3. How to install the converter; 4. How to install protective earthing cables.
Electrical Connection	**Instructions for electrical connection:** 1. How to connect the system to an existing PV system; 2. How to install the smart meter to the system; 3. How to connect the system to the internet.
Installation Review	Follow the checklist to review if everything is well-prepared before powering the system.
System Power-On	Instructions for standard operation process for System power on or off.
System Power-Off	
LED Indicator	Get to know the definition of the LED status.
System Commissioning	Instructions for initial setup and device binding.

For detailed installation instructions, please refer to the Installation Guide delivered with the product, or download it at https://enterprise.ecoflow.com/documentation.

System Management

EcoFlow provides thorough support for the system. Both the end user and installer benefit from our comprehensive guides and resources.

FOR END USER

Effortlessly manage, monitor, and control your PowerOcean devices through a sleek, user-friendly interface via app or web management. Access real-time energy data, detailed power generation, storage and energy bills savings anytime and anywhere. Professional technical support is also readily available when needed.

- EcoFlow App Management

Scan the QR code or download at https://download.ecoflow.com/app

EcoFlow App
GET IT ON Google Play
Download on the App Store

FOR INSTALLER

Streamline the commissioning process, monitor device status in real-time, access detailed troubleshooting solutions for system faults and also offer customer support from EcoFlow professional support team.

- EcoFlow Pro App Management

Scan the QR code or download at https: //download.ecoflow.com/ecoflowproapp

EcoFlow Pro
GET IT ON Google Play
Download on the App Store

System Operation

SYSTEM POWER ON

1. Turn the **BATTERY SWITCH** on the converter to the **ON** position.
2. Press and hold the **BATTERY ON/OFF** button on the converter for about 5 seconds. Wait until the LEDs light up and then flash twice, indicating a successful system power-on.

SYSTEM POWER OFF

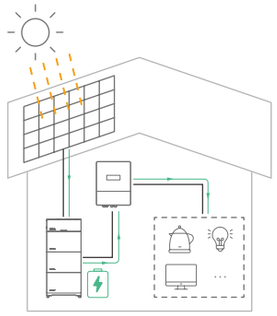
1. Shut down the system via the **EcoFlow** app.
2. Turn the **BATTERY SWITCH** on the converter to the **OFF-BYPASS** position.
3. Press and hold the **BATTERY ON/OFF** button on the converter for about 10 seconds.
4. Wait until the LEDs are completely off, indicating a successful system power-off.

SYSTEM MODES

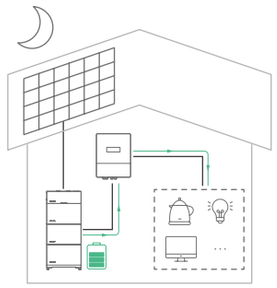
Operating Mode

When the **BATTERY SWITCH** is set to **ON**, the system works in operating mode.

In operating mode, the system stores the excess electricity generated by solar panels, and then supplies it to the home load when solar power is insufficient.



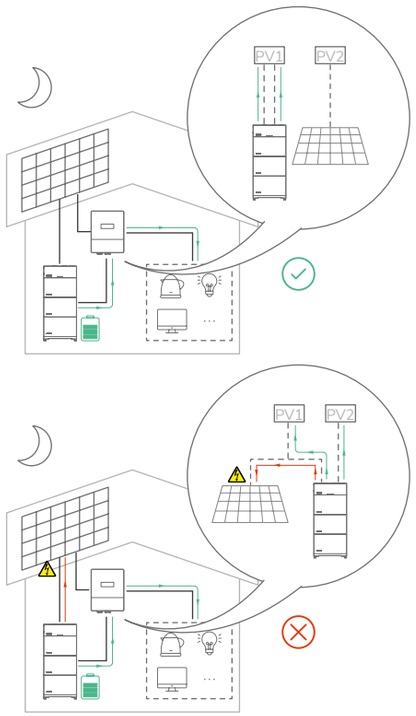
PV power first supports local loads via a solar inverter, then charges the storage system with excess solar energy.



The system discharges when PV power is low.

⚠ CAUTION

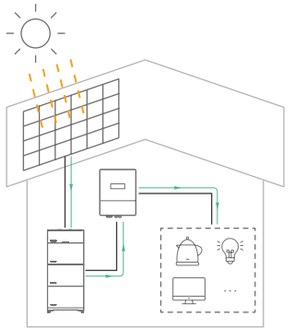
- For an inverter that supports multiple PV strings in one input, avoid paralleling the system with a PV string to prevent potential damage to solar panels.



Bypass Mode

When the **BATTERY SWITCH** is set to **OFF-BYPASS**, the system works in bypass mode.

In bypass mode, the system does not function as a power storage or backup unit. The electricity produced by solar panels goes to the PV inverter through the converter.



PV-STORAGE SYSTEM CO-WORKING TIPS

Third-Party I-V Curve Scan / Diagnosis

Some solar inverters support I-V curve scan or diagnosis features to monitor the PV system. However, frequent scanning or prolonged diagnosis may unintentionally discharge the battery.

For accurate scan reports and to ensure proper performance of the PV and storage systems, EcoFlow recommends:

1. When using an inverter with **I-V Curve Scan**, prevent frequent scanning. Set a longer interval between scans, ensuring a minimum gap of 2-3 hours before the next scan.
2. When using an inverter with **I-V Curve Diagnosis**, turn off the storage system before running it:
   a. Shut down the **EcoFlow PowerOcean DC Fit** via the **EcoFlow** app.
   b. Run the I-V curve diagnosis feature via your inverter's management interface. Await for the scanning report.
   c. Start up the **EcoFlow PowerOcean DC Fit** via the **EcoFlow** app.

Keep the Solar Inverter On at Night

Some solar inverters may shut down at night to save energy. To ensure the storage system continues to supply power to home appliances, keep the inverter running at night.

Check Before Updating Your Solar Power System

To ensure system compatibility, if you are about to update the solar panels or inverter, contact your installer to check the specifications of the new solar equipment.

After the new equipment is installed, contact the installer to update the **Device Settings** parameters via the **EcoFlow Pro** app.

System Maintenance

ROUTINE MAINTENANCE

Before routine maintenance, power off both the storage system and the PV system. Also, ensure you are wearing insulating gloves for your safety.

Powering off the entire system:

1. Shut down the system via the EcoFlow app.
2. Turn the **BATTERY SWITCH** on the converter to the **OFF-BYPASS** position.
3. Press and hold the **BATTERY ON/OFF** button on the converter for about 10 seconds.
4. Shut off the PV inverter from both AC and DC voltage sources.
5. Turn off the DC breaker or isolator of the PV strings (if applicable).
6. Wait at least 5 minutes to ensure that the entire system is completely off.

⚠ CAUTION

- If you find any problem, contact the installer or EcoFlow technical support for assistance. Do not disassemble or repair the device on your own, as it could lead to personal injury or damage to the device.

Routine maintenance item

Check item	Check Method	Maintenance Interval
Cleanliness	Clean the equipment enclosure with a dry, soft cloth.	Once every 6 months
Hardware status	• Check for any abnormal sounds during the operation. • Check the outer enclosure for any physical damage. • Check that the mounting piece and screws are secured.	
Electrical connection	Check for any exposed electrical conductors.	
Grounding	Check that the protective earthing cables are connected and not damaged.	
Sealing	Check that unused terminals and ports are protected by waterproof covers.	
Heat dissipation	Check for any obstacles blocking or restricting the heat dissipation system.	

TROUBLESHOOTING

⚠ CAUTION

- Only professionals with appropriate qualifications can perform the following activities.

1. Visit and log in to the **EcoFlow Pro** app.
2. Retrieve the error code and in-app instructions.
3. Completely power off the entire system:
   a. Ask the user to shut down the system via the **EcoFlow** app.
   b. Turn the **BATTERY SWITCH** on the converter to the **OFF-BYPASS** position.
   c. Press and hold the **BATTERY ON/OFF** button on the converter for about 10 seconds.
   d. Shut off the PV inverter from both AC and DC voltage sources.
   e. Turn off the DC breaker or isolator of the PV strings (if applicable).
   f. Wait at least 5 minutes to ensure that the entire system is completely off.
4. Follow the in-app instructions to fix the issue.

If the problem persists, contact the EcoFlow technical support team.

System Decommissioning

REMOVAL

⚠ CAUTION

- Only professionals with appropriate qualifications can perform the following activities.
- Do not work with power on.
- Wear proper PPE (Personal protective equipment) before any operations.
- When moving heavy equipment, assign enough personnel to prevent personal injury and equipment damage.

1. Completely power off the entire system:
   a. Shut down the system via the **EcoFlow** app.
   b. Turn the **BATTERY SWITCH** on the converter to the OFF-BYPASS position.
   c. Press and hold the **BATTERY ON/OF**F button on the converter for about 10 seconds.
   d. Shut off the PV inverter from both AC and DC voltage sources.
   e. Turn off the DC breaker or isolator of the PV strings (if applicable).
   f. Wait at least 5 minutes to ensure that the entire system is completely off.
2. Remove connections from the METER port and WAN port.
3. Remove connections from PV terminals and INV terminals.
4. Remove protective earthing cables.
5. Loosen the screws to remove the converter.
6. Loosen the screws to remove the battery pack.
7. Remove the battery base.

DISPOSAL

If the system can not work anymore, dispose of it in accordance with the local disposal requirements for electrical equipment waste. The modules of the system cannot be disposed of together with household waste.

Hereby, our battery module has met the regulations of BattG in Germany.

Technical Parameters

EcoFlow PowerOcean DC Fit

Module	 EF PD-5-S1 × 1 EF BD-5.1-S1 × 1 EF BD-B-S1 × 1	 EF PD-5-S1 × 1 EF BD-5.1-S1 × 2 EF BD-B-S1 × 1	 EF PD-5-S1 × 1 EF BD-5.1-S1 × 3 EF BD-B-S1 × 1
Battery Module Capacity	5.1kWh	10.2kWh	15.3kWh
Max. Output Power	3.3kW	6.6kW	9.9kW
Max. Input Power	2.5kW	5kW	7.5kW
Dimensions (W×D×H) *Without Adjustable Feet	680×201×682 mm	680×201×1078 mm	680×201×1475 mm
Weight *Without Adjustable Feet	77.3 kg	132.8 kg	188.3 kg

• EcoFlow PowerOcean PV Storage Converter:

Model	EF PD-5-S1
DC Input (PV)	
Max. Input Charging Power	5kW (2.5kW per string)
Max. Input Voltage (Absolute Maximum)	1000V d.c.
Operating Voltage Range	150-800V d.c.
Max. Input Current	20A per string
Isc PV (Absolute Maximum)	21A per string
DC Output (Inverter side)	
Supported Solar Inverter Type	Single phase / Three phase
Bypass Power	15kW per string
Max. Output Voltage	1000V d.c.
Operating Output Voltage Range	150-800V d.c.
Max. Output Current	20A per string
Battery Port	
Battery Discharging Voltage Range	800-900V d.c.
Max. Discharging Current	6.5A d.c.
Max. Discharging Power	5.2kW*
Battery Charging Voltage Range	800-900V d.c.
Max. Charging Current	6A d.c.

Max. Charging Power	4.8kW*
* The value of maximum discharging power and maximum charging power are measured with 3 battery packs installed.	
Protection	
Direct Current Insulation Resistance Testing	✓
PV Input Reverse Polarity Protection	✓
Direct Current Switch	✓
Overcurrent Protection	✓
Overvoltage/Undervoltage Protection	✓
Low/High Temperature Protection	✓
General	
Protective Class	I
Overvoltage Category (OVC)	II (PV)
Installation	Floor Stand
Operating Temperature	–20°C to 50°C (–4°F to 122°F)
Operating Relative Humidity	4%-100% (Condensing)
Operating Altitude	≤3000 m
IP Rating	IP65
Noise Level	≤35 dB
Communication Method	Ethernet, Wi-Fi, Bluetooth, RS485
Cooling Method	Natural convection
Pollution Degree	2
Compliance	
Certificates	CE, CB, TUV Mark
Safety Standard	IEC/EN62109-1
EMC	ETSI EN 300 328 V2.2.2 EN IEC 62311:2020 ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4 EN IEC 61000-6-1 EN IEC 61000-6-3

• EcoFlow PowerOcean LFP Battery Pack:

Model	Battery pack: EF BD-5.1-S1 Battery base: EF BD-B-S1
Performance	
Nominal Voltage	800V d.c.
Operating Voltage Range	720-960V d.c.
Cell Type	LFP
General	
Installation	Floor Stand
Operating Temperature	–20°C to 50°C (–4°F to 122°F)
Operating Altitude	≤3000 m
Cooling Method	Natural Convection
Noise Level	≤35 dB
Relative Humidity	0%-100% (Condensing)
Protection Level	IP65
Protective Class	I
Compliance	
Certificates	CE Mark
Safety Standard	EN62619:2022, EN62040-1:2019, EN62477-1:2012, ISO13849-1:2015, VDE-AR-E-2510-50:2017-05
Delivery Standard	UN38.3
EMC	EN 61000-6-1, EN 61000-6-3

EcoFlow Inc.
Address: 1st Floor, Building 1, Plant E, Jiehe Industrial City, Shuitian Community, Bao'an District,Shenzhen City, Guangdong Province, China
Tel: 0086(0)755-86103589

EU Declaration of Conformity

We, EcoFlow Inc. declare under our sole responsibility that the products

PRODUCT: EcoFlow PowerOcean PV Storage Converter
MODELS: EF PD-5-S1
to which this declaration relates, is in compliance with the follow documents:

Directives:
2014/53/EU (RED)
2011/65/EU(RoHS)
(EU)2015/863(RoHS)

Product Safety and Performance Standard(s):
EN 62109-1:2010

Health Standards:
EN IEC 62311:2020

EMC Standards:
ETSI EN 301489-1 V2.2.3
ETSI EN 301489-17 V3.2.4
EN IEC 61000-6-1
EN IEC 61000-6-3
EN55032:2015+A11:2020
EN55035:2017+A11:2020

Radio Standards:
ETSI EN 300 328 V2.2.2

RoHS Standards:
IEC 62321
EN IEC 63000

EU Representive:
EcoFlow Europe s.r.o

Doubravice 110, 533 53 Pardubice, Czech Republic

Signed for and on behalf of:

Angela.Li	Compliance Engineer	2023-11-03
signature and seal	position	date of issue

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PAP
Raccolta carta

ECOFLOW

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