



UK PSTI ATTESTATION REPORT

ECOFLOW STREAM ULTRA

Ecoflow Inc.

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COMPILED BY

Intertek Testing Services Shenzhen Ltd.

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[Refer to Model List]

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Model List:

Product Name	Model Number
EcoFlow STREAM Pro	EF-EA-HD-P2K-600 EF-EA-HD-P2K-800 EF-EA-HD-P2K-1200
EcoFlow STREAM Ultra	EF-EA-HD-U2K-600 EF-EA-HD-U2K-800 EF-EA-HD-U2K-1200
EcoFlow STREAM AC Pro	EF-EA-AC-P2K-600 EF-EA-AC-P2K-800 EF-EA-AC-P2K-1200
EcoFlow Stream MAX	EF-EA-HD-M2K-600 EF-EA-HD-M2K-800
EcoFlow Stream AC	EF-EA-AC-2K-600 EF-EA-AC-2K-800
EcoFlow STREAM Ultra X	EF-EA-HD-U4K-600 EF-EA-HD-U4K-800 EF-EA-HD-U4K-1200



Executive Summary

Introduction

The client, Ecoflow Inc., has produced a line of connected home products under the brand of EcoFlow.

This report is intended to document that Intertek Testing Services Shenzhen Ltd. has conducted an attestation review against the Product Security and Telecommunications Infrastructure (PSTI) certification using the PSTI Security Requirements for Relevant Connectable Products Regulations 2023.

Scope of Review

The products assessed in this report are the STREAM Ultra [Refer to Model List]. The scope of attestation review is based on client provided information from the PSTI vendor questionnaire.

Results

Overall, Ecoflow Inc. has provided a complete PSTI vendor questionnaire with attestation that meets the requirements established in the PSTI Security Requirements for Relevant Connectable Products Regulations 2023 (Referred from ETSI EN 303 645 V3.1.3, including Provision 5.1-1, 5.1-2, 5.2-1, 5.3-13).

Table 1 – PSTI Summary of Results

PSTI Results		
1.	Passwords	N/A
2.	Information on how to report security issues	PASS
3.	Information on minimum security update periods	PASS

The STREAM Ultra [Refer to Model List] produced by Ecoflow Inc. have passed all security requirements required by the PSTI standard. For the complete PSTI vendor questionnaire with attestation, please see Annex A.



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1. INFORMATION REQUIRED FOR COMPLIANCE

1.1. Testing Sponsor

Ecoflow Inc.

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Address: RM 401, Plant #01, Runheng Industrial Zone, Fuyuanyi Road, Zhancheng Community, Fuhai Street, Bao'an District, Shenzhen City, Guangdong Province, P.R.China

1.2. Configuration Details

Product Name:	STREAM Ultra
Model Number:	[Refer to Model List]
Firmware Version:	V1.0.1.1 (V1.0.1.0(Wi-Fi))
Associated Services:	EcoFlow V6.5.5.66
Date of Test:	8 July 2025
Date of Sample Receipt:	11 April 2025

1.3. Declaration

The statement of compliance for the STREAM Ultra presented in this report has been prepared by Intertek Intertek Testing Services Shenzhen Ltd. on behalf of the manufacturer. In the opinion of the Ecoflow Inc. and Intertek Testing Services Shenzhen Ltd., the STREAM Ultra is in compliance with the deemed compliance conditions specified in Schedule 2.

The defined support period for the STREAM Ultra was correct when the manufacturer requested Intertek Testing Services Shenzhen Ltd. conduct a review of the STREAM Ultra to the PSTI.

1.4. Testing Participants

Prepared By:

Henry Yang

Signature: *Henry Yang*

Checked By:

Bill Li

Signature: *Bill Li*

Approved By:

Peter Kang

Signature: *Peter Kang*



2. INTRODUCTION

2.1. Background

The client, Ecoflow Inc., has produced a line of connected home products under the brand of EcoFlow.

This report is intended to document that Intertek Testing Services Shenzhen Ltd. has conducted an attestation review on behalf of the manufacturer of the Product Security and Telecommunications Infrastructure (PSTI) certification using the PSTI Security Requirements for Relevant Connectable Products Regulations 2023.

2.2. Scope

The products assessed in this report are the STREAM Ultra [Refer to Model List]. The scope of attestation review is based on the client provided information from the PSTI vendor questionnaire.

2.3. References

- [1] "The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023," [Online]. Available: <https://www.legislation.gov.uk/ukdsi/2023/9780348249767>. [Accessed 1 11 2023].
- [2] "Product Security and Telecommunications Infrastructure Act 2022," [Online]. Available: <https://www.legislation.gov.uk/ukpga/2022/46/part/1/enacted>. [Accessed 1 11 2023].
- [3] Intertek, "LFT-PSTI-04 The Product Security and Telecommunications Infrastructure (PSTI) Vendor Questionnaire," Intertek Testing Services Shenzhen Ltd., Shenzhen, 2023.

2.4. Disclaimer

This report is intended to document that Intertek Testing Services Shenzhen Ltd. has made the best possible effort using the most current tools, technology, and methods as well as using skilled security testers to identify as many security issues as possible within the scope of the engagement at the time of testing. Cyber security threats are continuously changing, and no application or system can ever be considered 100% secure regardless of how much security testing is conducted.



3. SYSTEM DESCRIPTION

The EcoFlow GLACIER Classic [Refer to Model List] are network-connected energy management devices that can be remotely monitored and configured via the EcoFlow mobile application, which supports both Wi-Fi and Bluetooth connectivity for local and remote device management.

Figure 1 – EF-EA-HD-U2K-800





4. METHODOLOGY

This section describes the methodology used to perform each of the required tasks as well as the rationale behind the classifications.

4.1. Documentation Review

Intertek Testing Services Shenzhen Ltd. conducted the documentation review as described in the quote which was based on client provided documentation for each item of the PSTI. The client was requested to provide information demonstrating adherence to the capabilities outlined in the PSTI.

4.2. Security Verdicts

4.2.1. PSTI Security Verdicts

In order to assess the security feature(s) of a connected device, Intertek has derived an assignment of verdicts used for classifying the results during an PSTI assessment. These results are used to demonstrate a devices evaluation to each of the applicable PSTI test cases.

Table 2 – PSTI Overall Verdict Classification Key

PSTI OVERALL VERDICT CLASSIFICATION KEY	
Classification	Description
PASS	The tested component fully complied with the test case requirement.
FAIL	The tested component failed to meet the minimum requirements for the test cases.
INCONCLUSIVE	The provided information was insufficient to assessing a pass or fail verdict.



5. SUMMARY OF FINDINGS

At the time of testing, Ecoflow Inc. has provided a reasonable level of security appropriate for the function of the device. The DUT STREAM Ultra has successfully passed all applicable PSTI test requirements. For the complete PSTI vendor questionnaire with attestation, please see Annex A.

Table 3 – PSTI Summary of Results

PSTI Results		
1.	Passwords	N/A
2.	Information on how to report security issues	PASS
3.	Information on minimum security update periods	PASS

5.1. Passwords

There are no password-based authentication mechanisms used on DUT.

5.2. Information On How to Report Security Issues

The information about manufacturer statement can be found under the chapter as below.

3. Disclosure Plan - Vulnerability Report Submission Process

The information on the website https://account.ecoflow.com/agreement/en-uk/EFSRC_Vulnerability_Disclosure_Plan.html provides the method and guidance of reporting security issues, i.e. reporting security issues to efsecurity@ecoflow.com, as well as the description of feedback time and fix time of different issue types. Based on the information from the vendor, this security is satisfied.

5.3. Information On Minimum Security Update Periods

The information on the website <https://account.ecoflow.com/agreement/en-uk/PstiStatement.html> releases the declaration of providing long-term security update support for Portable Power Station (EcoFlow DELTA Pro). Based on the provided information from the vendor, this security requirement is satisfied.



6. ANNEX A

"250411034SZN Intertek&Ecoflow Vendor Questionnaire.pdf"

***** END OF REPORT *****