

Test Report

No.: EDG2503050128C00501R

Date: Mar. 26, 2025

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Applicant : EcoFlow Inc
Address : RM 401, Plant #1, Runheng Industrial Zone, Fuyuan Road, Zhancheng Community, Fuhai Street, Bao'an District, Shenzhen City, Guangdong Province, P.R.China

Sample Name : EcoFlow STREAM Microinverter, EcoFlow STREAM Microinverter, EcoFlow STREAM Microinverter, EcoFlow STREAM Pro, EcoFlow STREAM Pro, EcoFlow STREAM Pro, EcoFlow STREAM Ultra, EcoFlow STREAM Ultra, EcoFlow STREAM Ultra, EcoFlow STREAM AC Pro, EcoFlow STREAM AC Pro, EcoFlow STREAM AC Pro, Ecoflow Stream MAX, Ecoflow Stream AC

Style/Item No. : EF-PS-600, EF-PS-800, EF-PS-1000, EF-EA-HD-P2K-600, EF-EA-HD-P2K-800, EF-EA-HD-P2K-1200, EF-EA-HD-U2K-600, EF-EA-HD-U2K-800, EF-EA-HD-U2K-1200, EF-EA-AC-P2K-600, EF-EA-AC-P2K-800, EF-EA-AC-P2K-1200, EF-EA-HD-M2K-800, EF-EA-AC-2K-800

Received Date : Mar. 05, 2025

Test Period : Mar. 05, 2025 ~ Mar. 26, 2025

Reuse/Recycling/Recovery Assessment Result:

Reuse/recycling/recovery	Reuse/Recycling(%)	Recovery(%)
Target of reuse/recycling/recovery for WEEE	55	75
Result of Assessment	61.97	75.02
WEEE Directive 2012/19/EU	Meet	Meet
Remark: As requested by the client, the product belongs to Annex III – category 5, refer to Annex V – part 3(c)		

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Signed for and on behalf of
EMTEK(Dongguan) Co., Ltd.

Prepared by:



Huang Fenglan, Polly
Report Engineer

Reviewed by:



Zeng Xingji, Cindy
Supervisor

Approved by:



Li Wei, Lisa
Authorized signatory
Mar. 26, 2025

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1. Product information:

1.1 Picture of product prior to disassembly:



Product weight* before disassembly: 13180.00g.

Product weight* after disassembly: 13158.40g.

Lost rate: 0.16 %.

*Excluding battery weight

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2. Disassembly procedure

The disassembly procedure taken here is in accordance with the treatment requirements under the Annex VIII of the WEEE Directive. In addition, to consider economic and efficiency factors, manual operation and disassembly tools have been applied to separate the components and materials from this product in order to simulate the scenario at the treatment facility, and to achieve the objective that the separated components and materials can be reused, recycled and recovered.

2.1 Selective Treatment for Materials and Components

According to Article 8(2) and the Annex VII of the WEEE Directive, this product contains components and materials items described in the following table need to be selective treated and removed from the final recycling / recovery targets calculation.

Component/Material	Photo No.	Quantity	Weight (g)
Battery	B9	1	11620.00

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2.2 Disassembly process:

Step 1:



Step 2:



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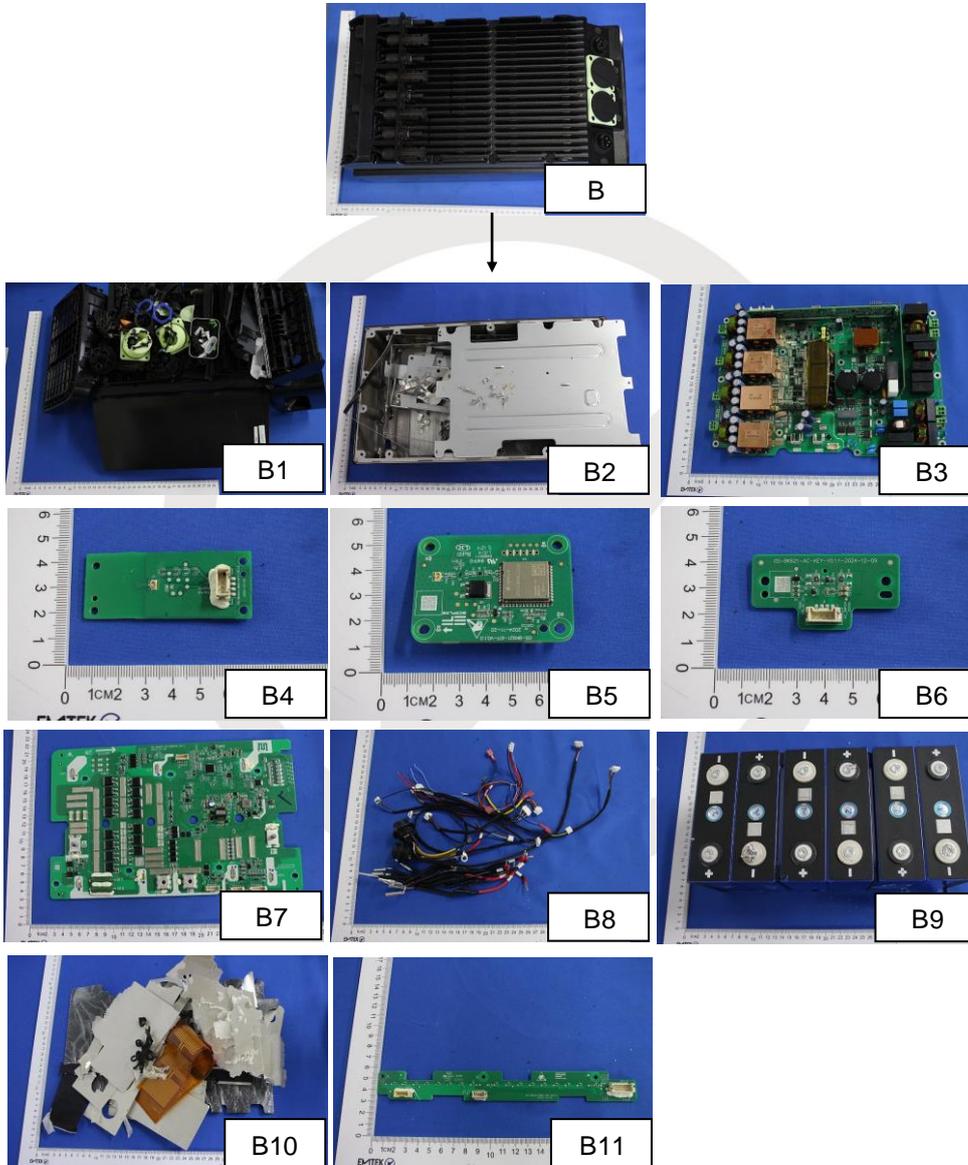
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Step 3:



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2.3 Disassembly tools and times:

Tool:	Picture:
Multi-purpose screwdriver Diagonal pliers	

Times:120mins

3. Estimation of reuse/recycling/recovery for product:

Component	Weight(g)	Percent Weight(%)	Recoverable		
			Reuse/ Recycling(%)	Recovery(%)	Disposable(%)
PCB	2720.00	20.64	3.51	12.38	8.26
Plastic	2351.35	17.84	16.77	16.95	0.89
Metal	4840.00	36.72	34.88	34.88	1.84
Wire	2720.25	20.64	6.81	6.81	13.83
Other	526.80	4.00	/	4.00	/
Lost	21.60	0.16	/	/	0.16
Total	13180.00	100.00	61.97	75.02	24.98

4. Reuse/Recycling and Recovery Rate Calculation rules:

Reuse/Recycling and Recovery Rate in the report are calculated as per following formulas:

Reuse/Recycling Rate=Reuse/Recycling Weight(g)/Product Total Weight(g)

Recovery Rate=[Reuse/Recycling Weight(g)+Energy recovery Weight(g)]/Product Total Weight(g)

Product Total Weight is including the main product and accessories, excluding package.

*** End of Report ***



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