

Test Report

No.: EDG2501060090C00401R

Date: Jan. 23, 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

Style Name : EcoFlow 250W Rigid Solar Panel
Style/Item No. : EF-SG-250

Received Date : Jan. 06, 2025
Test Period : Jan. 06, 2025 ~ Jan. 23, 2025

Reuse/Recycling/Recovery Assessment Result:

Reuse/recycling/recovery	Reuse/Recycling(%)	Recovery(%)
Target of reuse/recycling/recovery for WEEE	80	85
Result of Assessment	96.55	97.85
WEEE Directive 2012/19/EU	Meet	Meet
Remark: As requested by the client, the product belongs to Annex III – category 4, refer to Annex V – part 3(a)		

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

Prepared by: 
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Report Engineer

Reviewed by: 
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Supervisor

Approved by: 
Li Wei, Lisa
Authorized signatory
Jan. 23, 2025

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1. Product information:

1.1 Picture of product prior to disassembly:



Product weight before disassembly:10340.00g.

Product weight after disassembly:10332.00g.

Lost rate: 0.08%.

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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.



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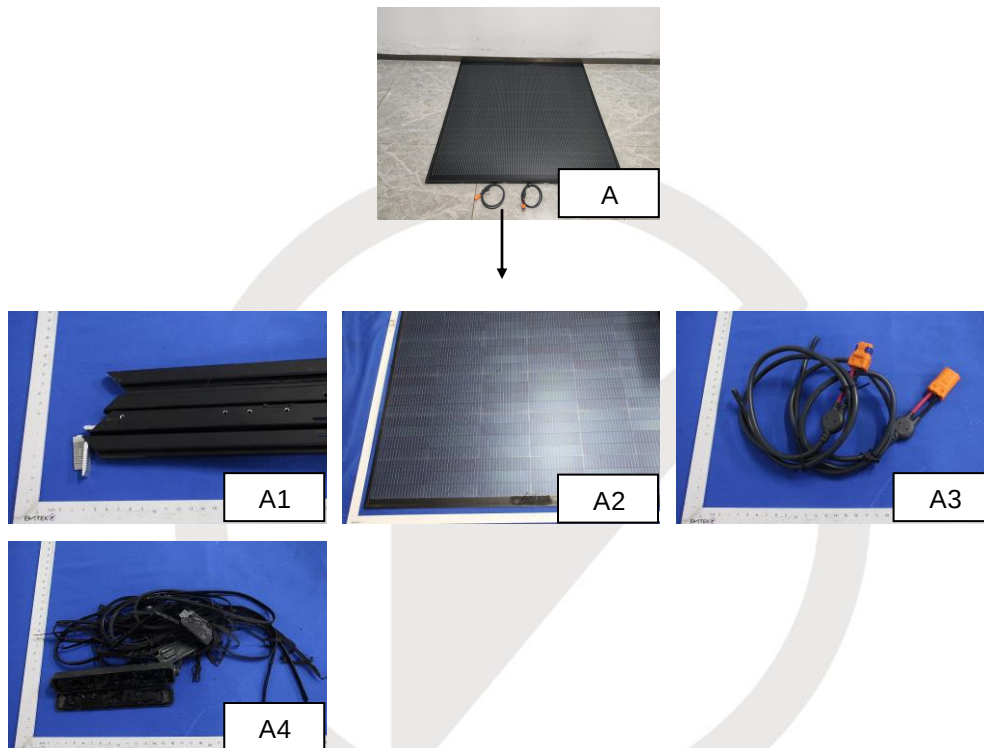
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2.1 Disassembly process: Step 1:



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2.2 Disassembly tools and times:

Tool:	Picture:
Multi-purpose screwdriver Diagonal pliers	

Times:240mins

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

Component	Weight(g)	Percent Weight(%)	Recoverable		
			Reuse/ Recycling(%)	Recovery(%)	Disposable(%)
Metal	1024.75	9.91	9.41	9.41	0.50
Wire	212.75	2.06	0.49	0.49	1.57
Photovoltaic panel	8960.00	86.65	86.65	86.65	/
Other	134.50	1.30	/	1.30	/
Lost	8.00	0.08	/	/	0.08
Total	10340.00	100.00	96.55	97.85	2.15

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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