

Test Report

No.: EDG2207080171C00201R

Date: Jul. 20, 2022

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Applicant : EcoFlow Inc.
Address : Plant A202, Founder Technology Industrial Park, Shiyan Sub-district, Bao'an District
Shenzhen, Guangdong 518000 China

Style Name : 220W Bifacial Solar Panel
Style/Item No. : EF-Flex-220B

Received Date : Jul. 11, 2022
Test Period : Jul. 11, 2022 ~ Jul. 20, 2022

Reuse/Recycling/Recovery Assessment Result:

Reuse/recycling/recovery	Reuse/Recycling(%)	Recovery(%)
Target of reuse/recycling/recovery for WEEE	80	85
Result of Assessment	91.18	96.58
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:



Li Jiaxin, Nell
Supervisor

Approved by:



Li Wei, Lisa
Authorized signatory
Jul. 20, 2022

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1. Product information:

1.1 Picture of product prior to disassembly:



Product weight before disassembly:10843.00g.

Product weight after disassembly:10838.60g.

Lost rate: 0.04%.

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2. Disassembly procedure

The disassembly procedure taken here is in accordance with the treatment requirements under the Annex III 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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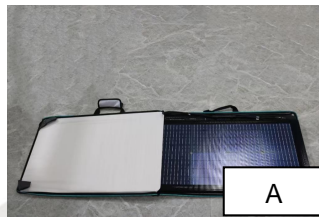
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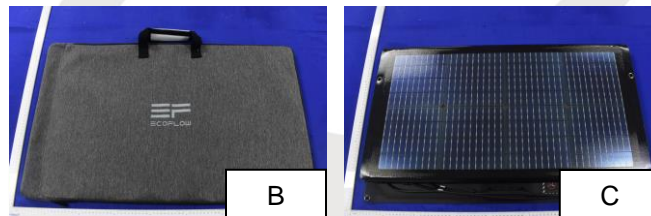
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2.1 Disassembly process:

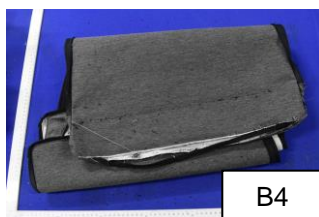
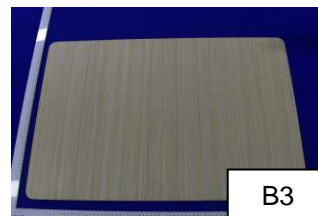
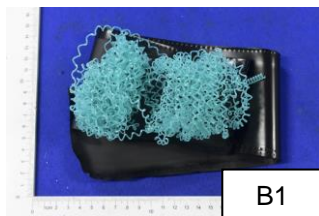
Step 1:



Step 2:



Step 3:



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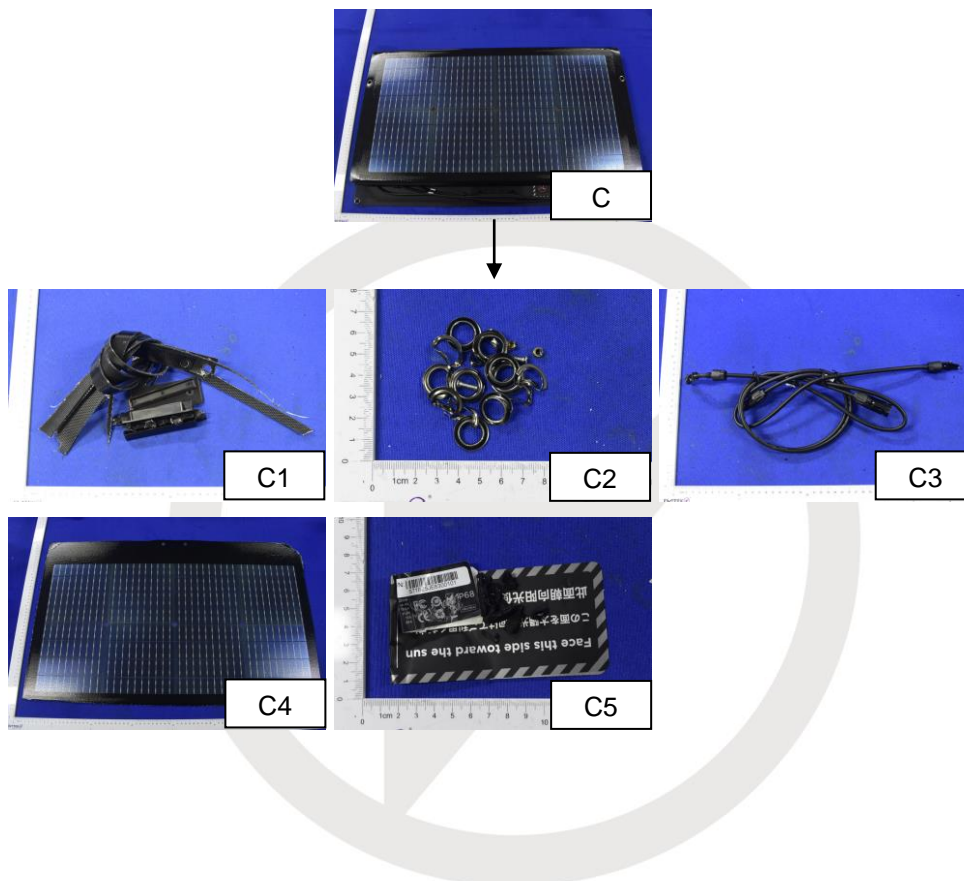
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Step 4:



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2.2 Disassembly tools and times:

Tool:	Picture:
Multi-purpose screwdriver Diagonal pliers	

Times:90mins

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

Component	Weight(g)	Percent Weight(%)	Recoverable		
			Reuse/ Recycling(%)	Recovery(%)	Disposable(%)
Plastic	466.95	4.31	4.05	4.09	0.22
Metal	30.60	0.28	0.27	0.27	0.01
Photovoltaic panel	8515.80	78.54	78.54	78.54	/
Wire	166.55	1.53	0.37	0.37	1.16
Wood	1077.50	9.94	7.95	7.95	1.99
Other	581.20	5.36	/	5.36	/
Lost	4.40	0.04	/	/	0.04
Total	10843.00	100.00	91.18	96.58	3.42

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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