

Test Report

No.: EDG2501060090C00301R

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

Sample Name : EcoFlow 250W Rigid Solar Panel, EcoFlow 130W RVMax Rigid Solar Panel

Style/Item No. : EF-SG-250, EF-SG-130

Received Date : Jan. 06, 2025

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

Test Requested : As requested by the client, according to the Entry 20 in Annex XVII of the REACH Regulation (EC) NO.1907/2006 and the Amendment (EC) No 276/2010, to determine organostannic compounds contents in the submitted sample.

Test Results : Please refer to next page (s).

Executive Summary:

STANDARD

CONCLUSION

Entry 20 in Annex XVII of the REACH Regulation (EC) NO.1907/2006 and the Amendment (EC) No 276/2010 – Organostannic Compounds contents

PASS

Prepared by:

Polly

Huang Fenglan, Polly
Report Engineer

Reviewed by:

Cindy

Zeng Xingji, Cindy
Supervisor

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

Approved by:

Li Wei
Li Wei, Lisa
Authorized signatory
Jan. 23, 2025

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Test Results:

Test Method: To refer to ISO 17353:2004, the analysis was performed by GC-MS.

Test Item	Test Result (% by weight of tin)				MDL (% by weight of tin)	Law Limit (% by weight of tin)
	1+2	3+4	5+6	7+8		
TBT	ND	ND	ND	ND	0.01	SUM < 0.1
TPhT	ND	ND	ND	ND	0.01	
TPT	ND	ND	ND	ND	0.01	
TCyT	ND	ND	ND	ND	0.01	
TOT	ND	ND	ND	ND	0.01	
TMT	ND	ND	ND	ND	0.01	
DBT	ND	ND	ND	ND	0.01	0.1
DOT	ND	ND	ND	ND	0.01	0.1

Test Item	Test Result (% by weight of tin)				MDL (% by weight of tin)	Law Limit (% by weight of tin)
	9	10	11+12	13		
TBT	ND	ND	ND	ND	0.01	SUM < 0.1
TPhT	ND	ND	ND	ND	0.01	
TPT	ND	ND	ND	ND	0.01	
TCyT	ND	ND	ND	ND	0.01	
TOT	ND	ND	ND	ND	0.01	
TMT	ND	ND	ND	ND	0.01	
DBT	ND	ND	ND	ND	0.01	0.1
DOT	ND	ND	ND	ND	0.01	0.1

Note: ND = Not Detected (less than MDL) MDL = Method Detection Limit

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Tested Materials:

No.	Description
1	Dark grey hard plastic (handle)
2	Dark grey hard plastic (cover of handle)
3	Transparent hard plastic (solar panel)
4	Orange hard plastic (plug)
5	Dark grey soft plastic (electronic wire)
6	Dark grey soft plastic (node of electronic wire)
7	Black soft plastic (electronic wire)
8	Red soft plastic (electronic wire)
9	Black glue (fixed glue)
10	White translucent hard plastic (node, inner)
11	Blue soft plastic (gasket of plug, inner)
12	White soft plastic (electronic wire, inner)
13	Green PCB (PCB board, inner)

Remark: As specified by the client, the samples were subjected to mixed testing.

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东莞市信测科技有限公司 地址: 广东省东莞市松山湖高新技术产业开发区新城大道9号中海洋生物科技研发基地A区2号办公楼 负一层、第二层/8栋111室、112室 网址: [Http://www.emtek.com.cn](http://www.emtek.com.cn)
EMTEK (Dongguan) Co., Ltd. 邮箱: project@emtek.com.cn
Add: Room 111&112, Building 8, -1&2/F., Office Building 2, Zone A, Zhongda Marine Biotechnology Research and Development Base, No.9, Xincheng Avenue, Songshan Lake High-Tech Industrial Development Zone, Dongguan, Guangdong, China [Http://www.emtek.com.cn](http://www.emtek.com.cn) E-mail: project@emtek.com.cn



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Sample Photo



*** End of Report ***

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东莞市信测科技有限公司
EMTEK (Dongguan) Co., Ltd.
地址: 广东省东莞市松山湖高新技术产业开发区新城大道9号中海洋生物科技研发基地A区2号办公楼 负一层、第二层 /8栋111室、112室 网址: <http://www.emtek.com.cn>
邮箱: project@emtek.com.cn
Add: Room 111&112, Building 8, -1&2/F., Office Building 2, Zone A, Zhongda Marine Biotechnology Research and Development Base, No.9, Xincheng Avenue, Songshan Lake High-Tech Industrial Development Zone, Dongguan, Guangdong, China [Http://www.emtek.com.cn](http://www.emtek.com.cn) E-mail: project@emtek.com.cn



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东莞市信测科技有限公司 地址：广东省东莞市松山湖高新技术产业开发区新城大道9号中海洋生物技术研发基地A区2号办公楼 负一层、第二层/8栋111室、112室 网址：<http://www.emtek.com.cn>
EMTEK (Dongguan) Co., Ltd. 邮箱：project@emtek.com.cn
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