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中国认可
国际互认
检测
TESTING
CNAS L0468

(2017)国认监认字(468)号

国家半导体光源产品质量监督检验中心(广东)

National Semiconductor Lighting Product Quality Supervision & Inspection Center(Guangdong)

Test Report

Security Code: 84495717



No: L20050334

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Sample Information	Sample Description	LED Driver			Brand	RS
	Type, Color, Specification	MCA-060-062P、MCA-075-062P、MCA-105-062P、MCA-150-062P、MCA-200-062P、MCA-240-062P、MCA-320-062P			Grade	_____
	Manufacturer and Address	Robust& Simplicity Innovation Co.,Ltd 2F,Build A, Guangxingyuan Internet Smart Technology Park, Xin an street, Bao' an District ,ShenZhen, China			Produced Date, Serial No.	_____
Applicant and Address		Robust& Simplicity Innovation Co.,Ltd 2F,Build A, Guangxingyuan Internet Smart Technology Park, Xin an street, Bao' an District ,ShenZhen, China			Test Type	Consignment test
Sample Quantity		13PCS	Voucher No.	A050725	Sampling Method	Send by applicant
Condition		normal	Receiving Date	2020-05-19	Date Tested	2020-06-22
Test Standards		_____				
Judge Standards		Client request				
Conclusion of Test		The inspected items meet the requirements of GB/T 2423.2-2008 and the requirements of the client.				
Remarks		_____				



Issue Date: June 22, 2020

Approved By:

李本亮

Checked By:

邓锡康

Edited By:

覃华烨





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Sample Description	(1) Classified by anti-shock protection: Class I (2) Rated voltage: 100-240V~ (3) Power frequency (Hz): 50/60Hz (4) Sample photo: See attachment 1 (5) Other instructions: 1. The control gear operates at an AC voltage of 220V 2. Load $\geq 90\%$ rated power
Test Environment	Temperature: (20.0~25.0) °C Humidity: (50.0~60.0) %RH
Test Standards	GB/T 2423.2-2008 《Environmental testing for electrical and electronic products Part 2: Test methods Test B: High temperature》

No	Test item	Unit	Requirement of standard	Test results	Assessment
1	High temperature test	—	Test conditions: Test type: Bb, Bd, Be Pretreatment: The ambient temperature of the sample and the test chamber: $25^{\circ}\text{C} \pm 5\text{K}$ Sample status: power ups Severity level: Temperature: $95^{\circ}\text{C} \pm 2\text{K}$ Time: 336h After the test, the test sample is placed in the standard atmosphere for 2 hours to achieve temperature stability	Test type: Bb The ambient temperature of the sample and the test chamber: 25°C Test temperature: 95°C	—
		—	Judgment of results: after the test, the appearance of the sample is not damaged and the function is normal, it is judged as qualified	Meet the requirements	Pass

Main Test Equipments

Equipment Name	Equipment No.	Style	Manufacturer	Valid Until
Precision frequency stabilized voltage source	DQM0580 (5)	DSP1010	Everfine	2021-01-15
Constant temperature humidity chamber	DQM1017	ETH1000-40A	—	2021-04-22
Single-phase power meter	DQM0905	PA310	Guangzhou Zhiyuan	2020-09-06

Test Result Description	1. Testing Location: Songshan Lake Headquarters 2. "Not applicable" means the sample does not need to be tested for this item
Laboratory Address	Songshan Lake Headquarters: No. 2, Gongye South Road, Songshan Lake Sci-Tech Industrial Park, Dongguan, Guangdong



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**Matters Need
Attention**

1. The test report is invalid when altered, lack of signatures of the testing, reviewing and approving personnel, or lack of official stamp for inspection and testing of testing laboratory.
2. The test report shall only be reproduced in full unless prior written authorization has been attained.
3. The test results and conclusion reflect the status of conformity of the sample (s) tested only. The test result shall not be used for advertisement unless prior written authorization has been attained.
4. The sample information is provided by applicant, and the laboratory shall not be responsible for its authenticity and completeness.
5. If the customer does not raise any objection within the discrepancy period from the date of receipt of the report, the result(s) shall be deemed to be accepted by the customer. (Discrepancy Period for Various Reports: Agricultural Products 5 days, Food 7 days, Other Industrial Products 15 days).



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Attachment 1: Photos

Appearance



MCA-060-062P (#1)



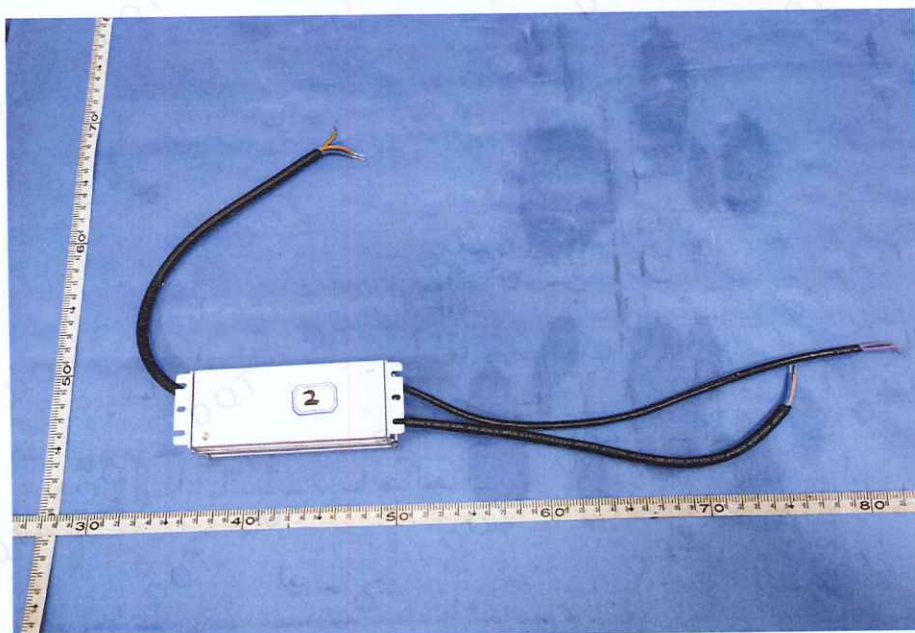
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Attachment 1: Photos



MCA-060-062P (#2)



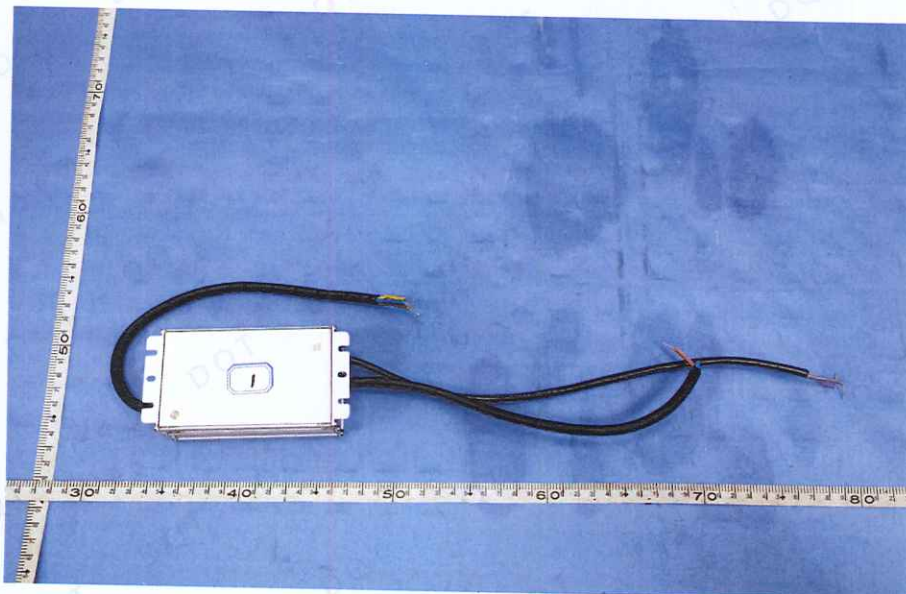
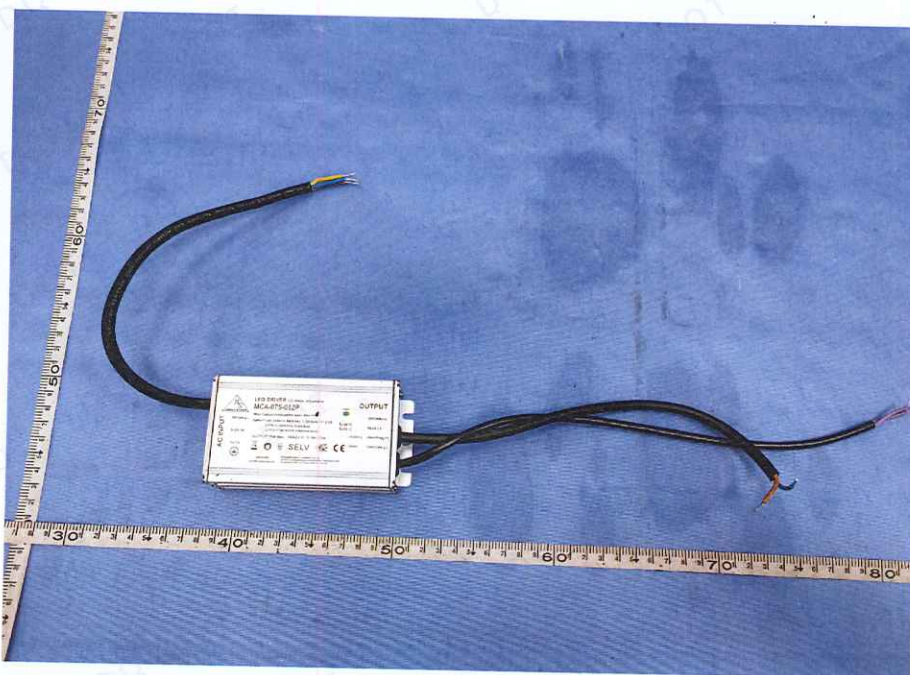
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Attachment 1: Photos



MCA-075-062P (#1)



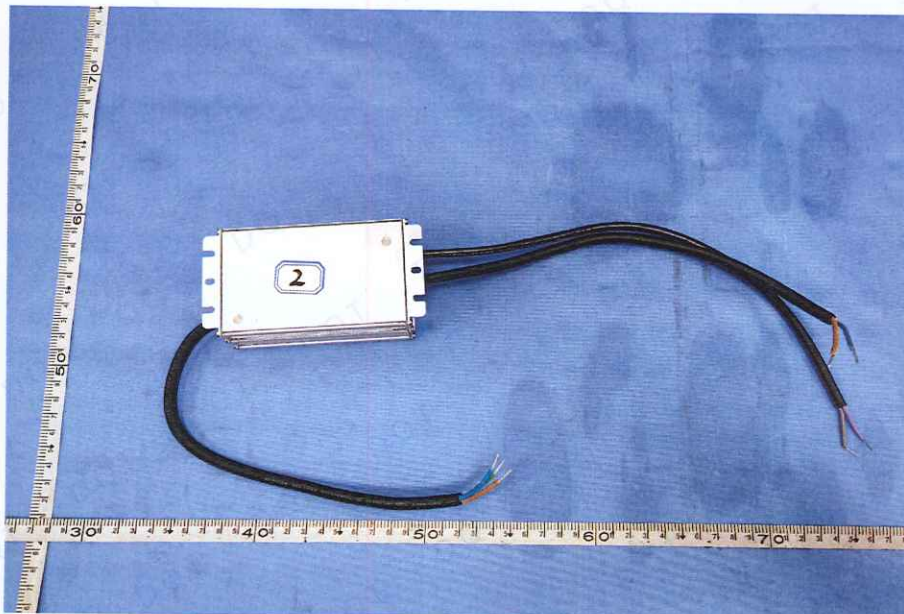
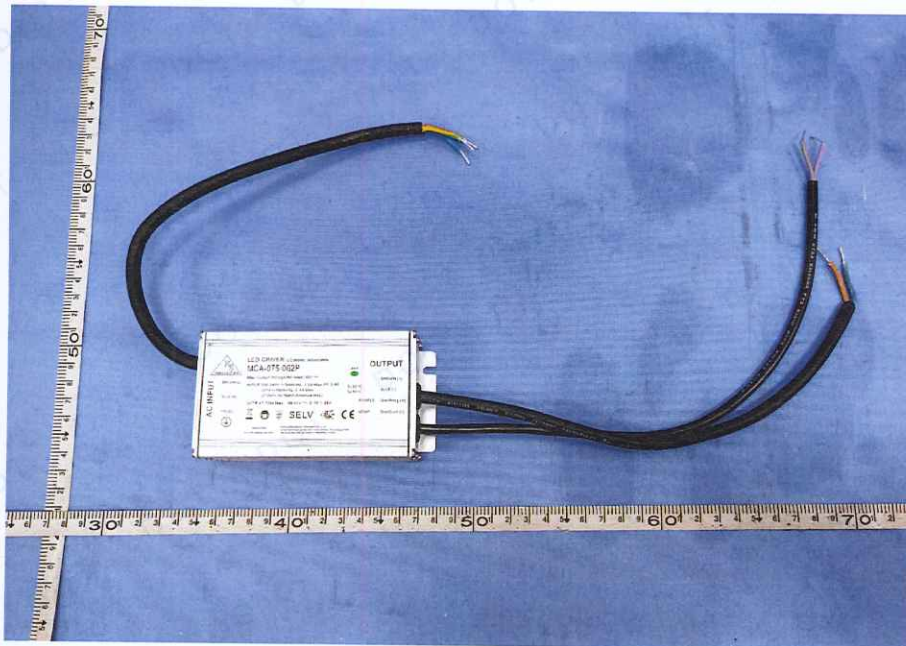
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Attachment 1: Photos



MCA-075-062P (#2)



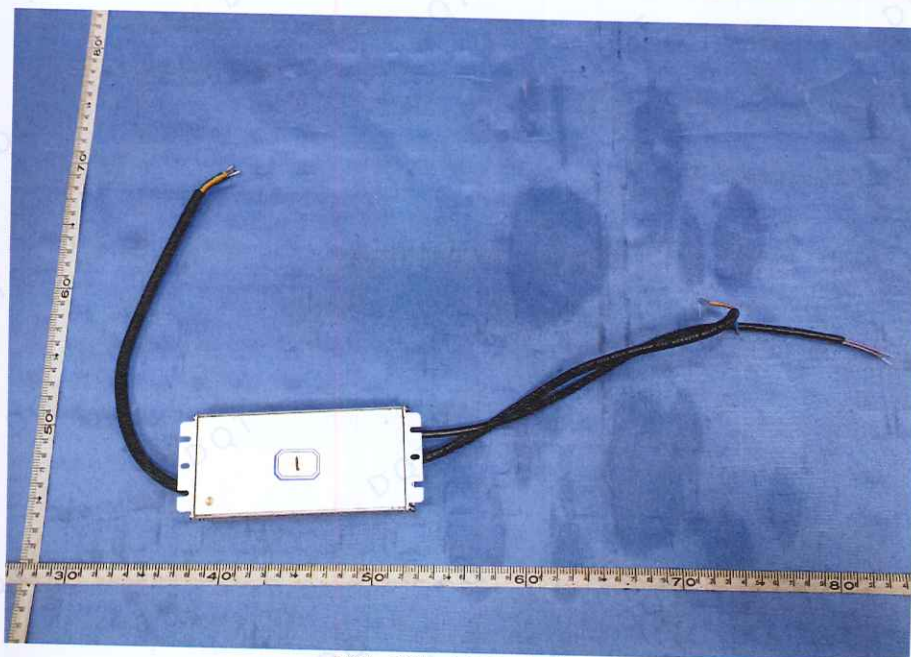
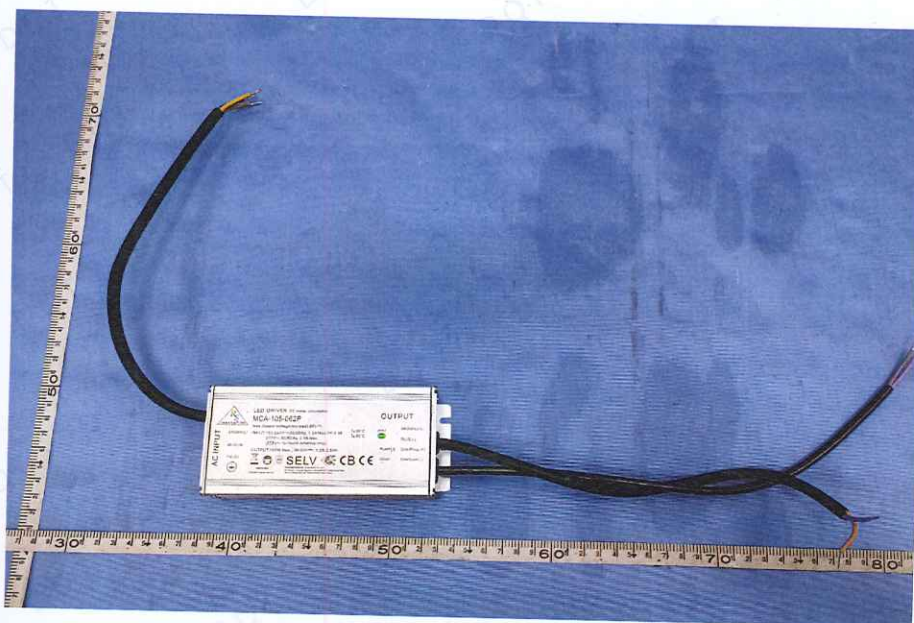
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Attachment 1: Photos



MCA-105-062P (#1)



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Attachment 1: Photos



MCA-105-062P (#2)



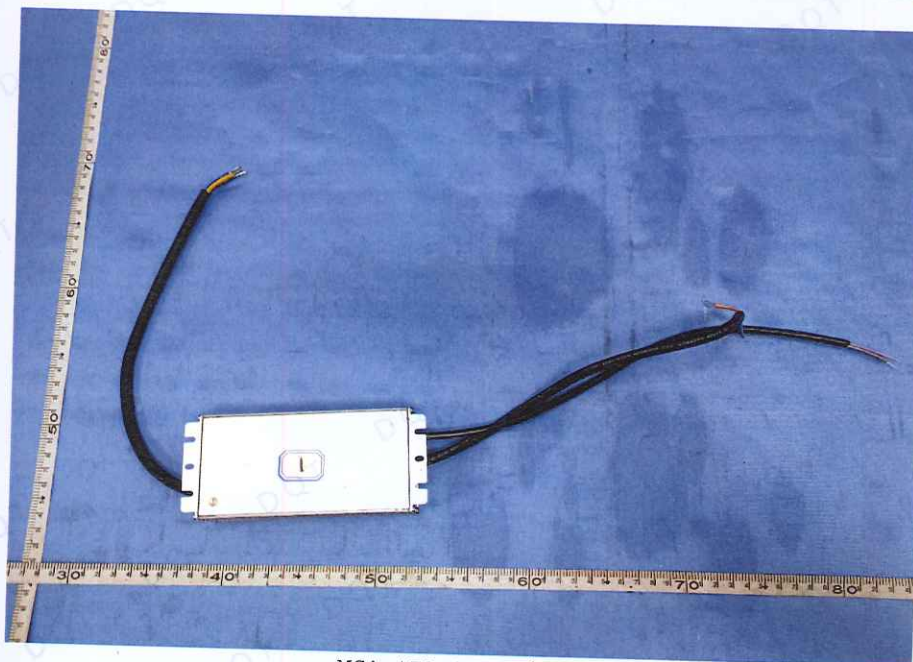
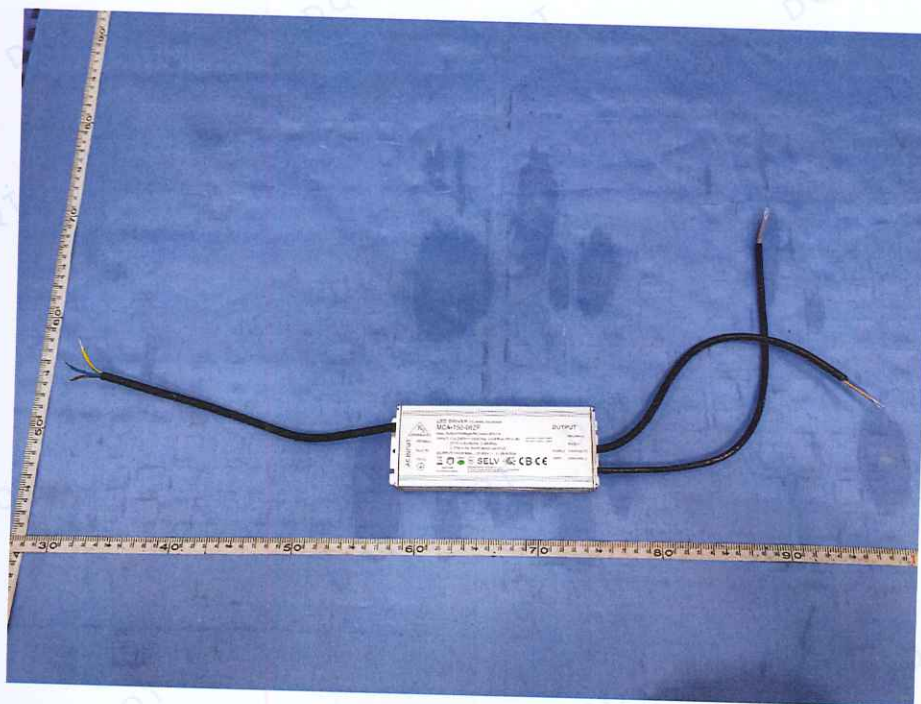
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Attachment 1: Photos



MCA-150-062P (#1)



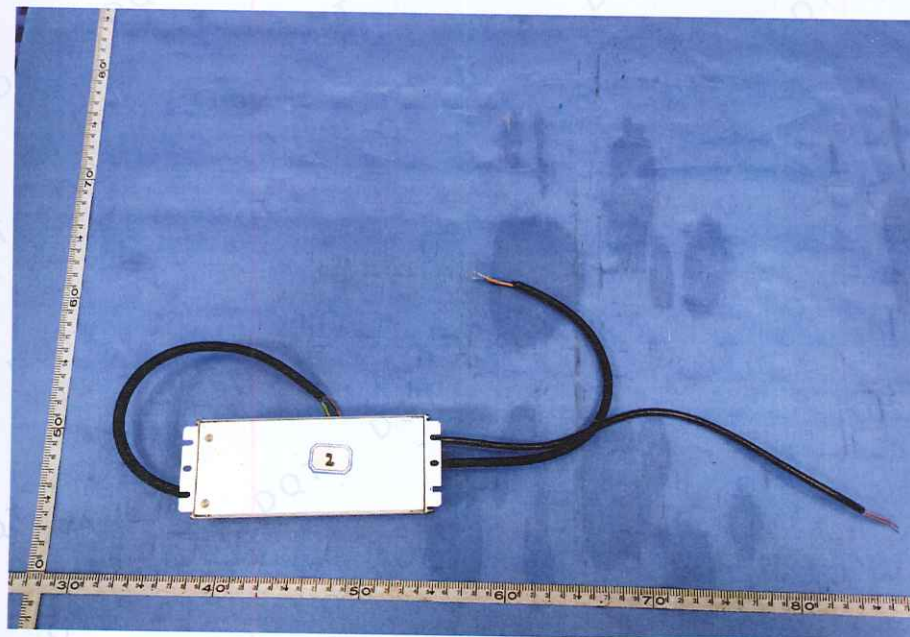
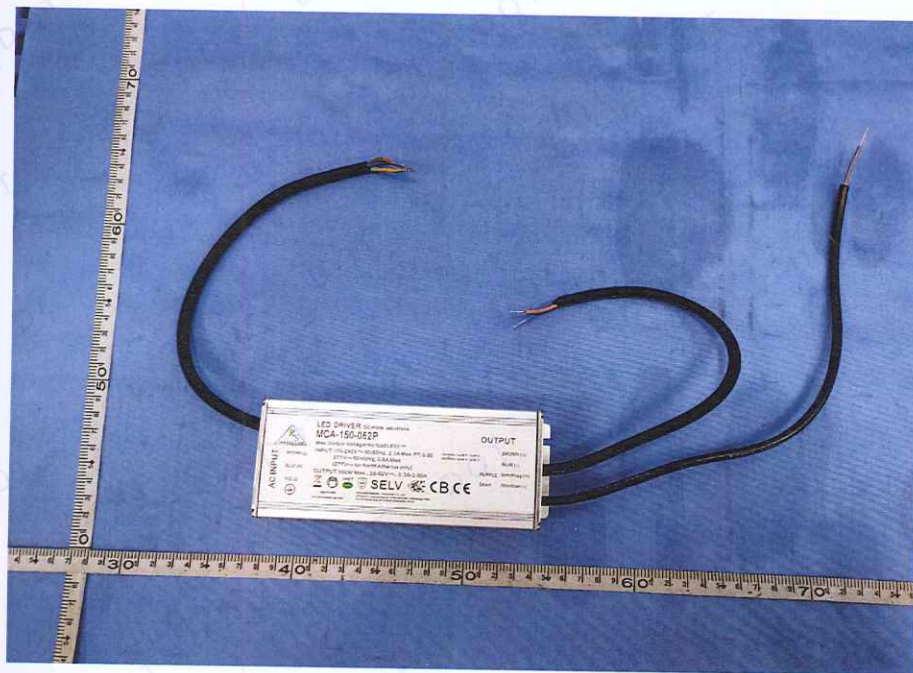
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Attachment 1: Photos



MCA-150-062P (#2)



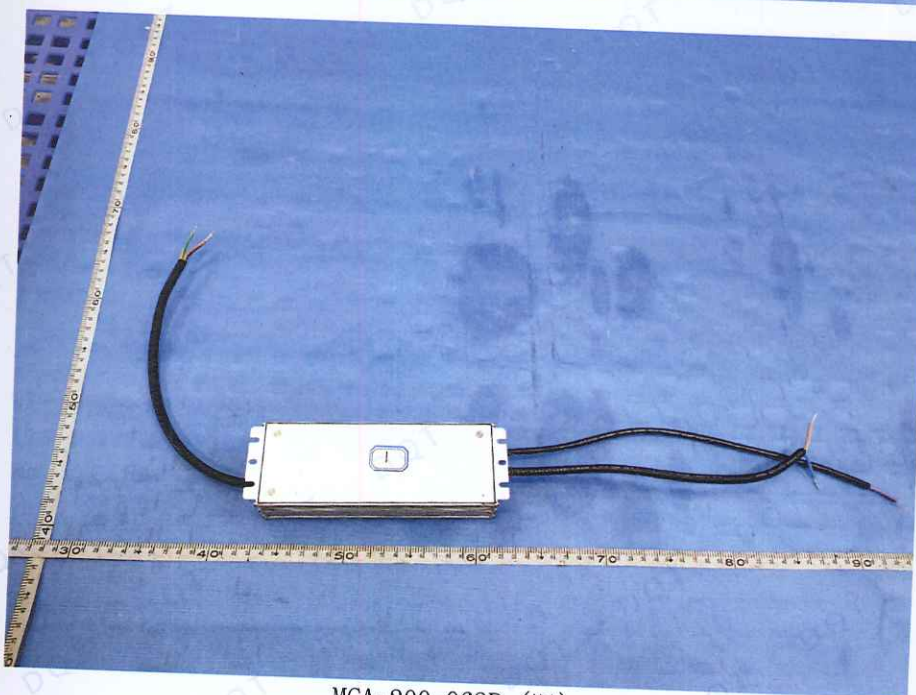
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Attachment 1: Photos



MCA-200-062P (#1)



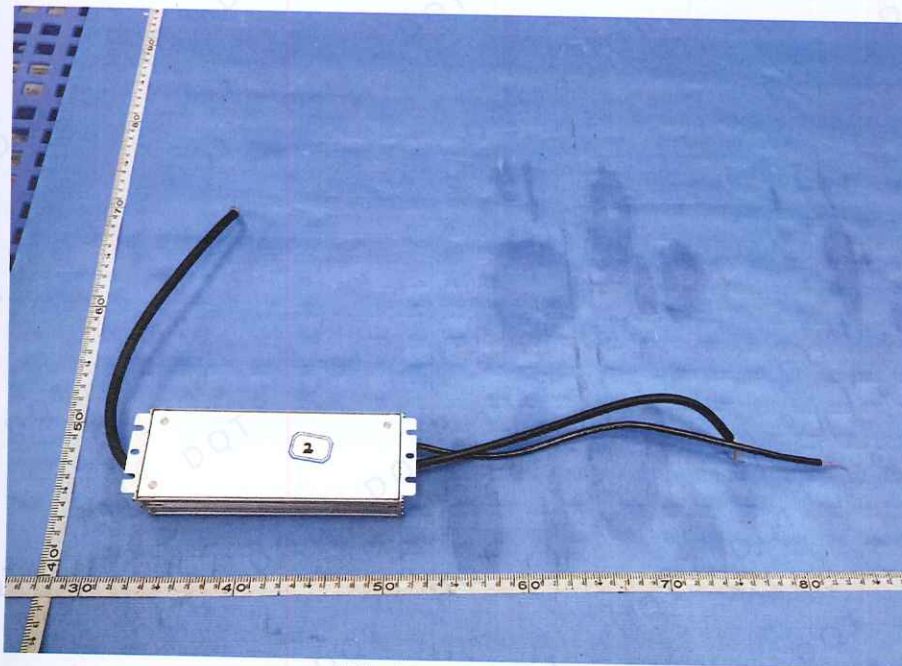
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Attachment 1: Photos



MCA-200-062P (#2)



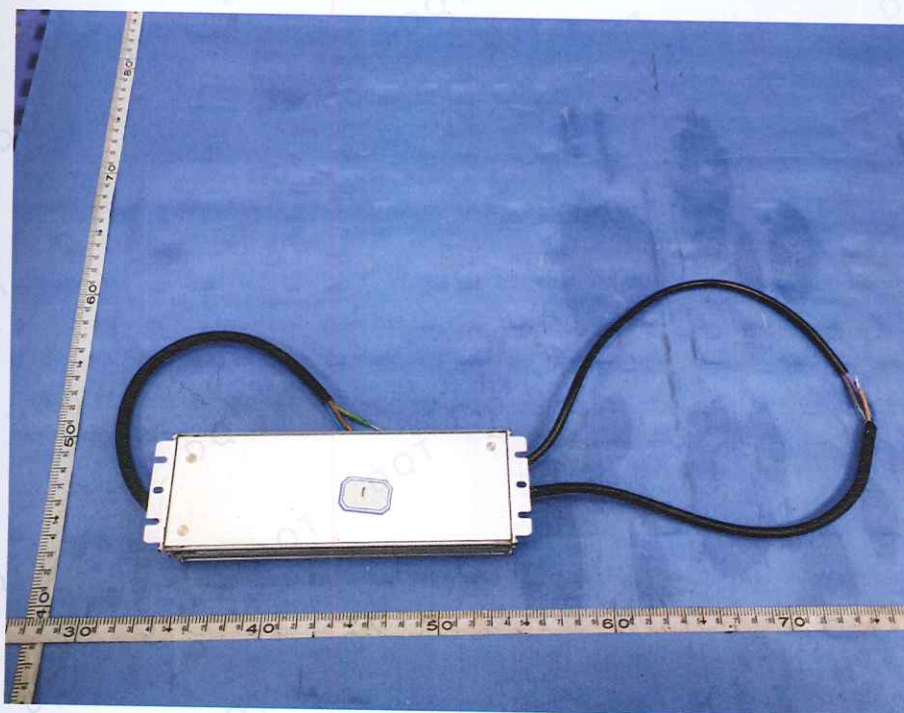
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Attachment 1: Photos



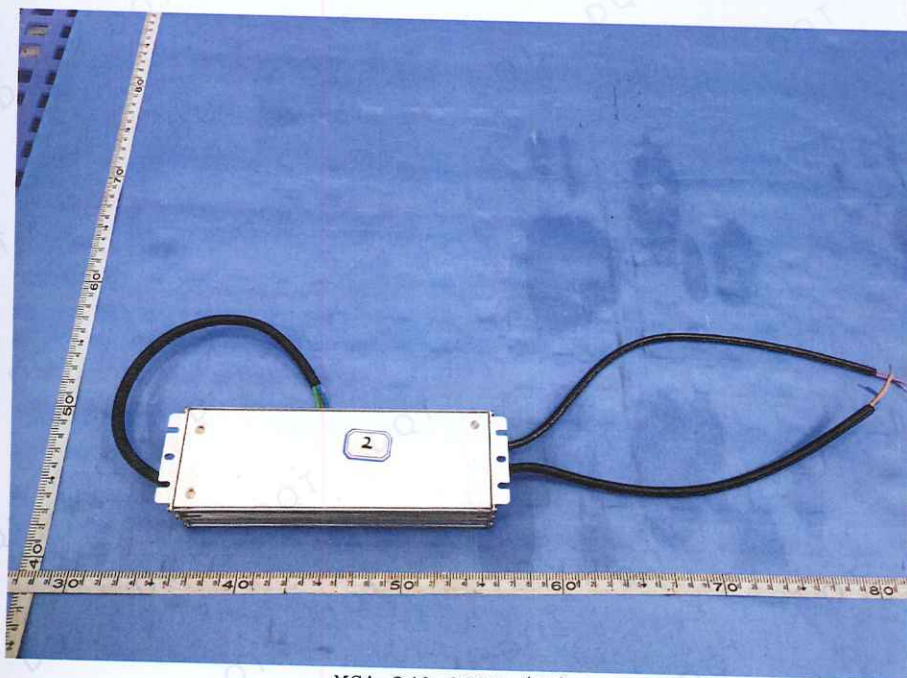
MCA-240-062P (#1)



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Attachment 1: Photos



MCA-240-062P (#2)



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Attachment 1: Photos



MCA-320-062P (#1)



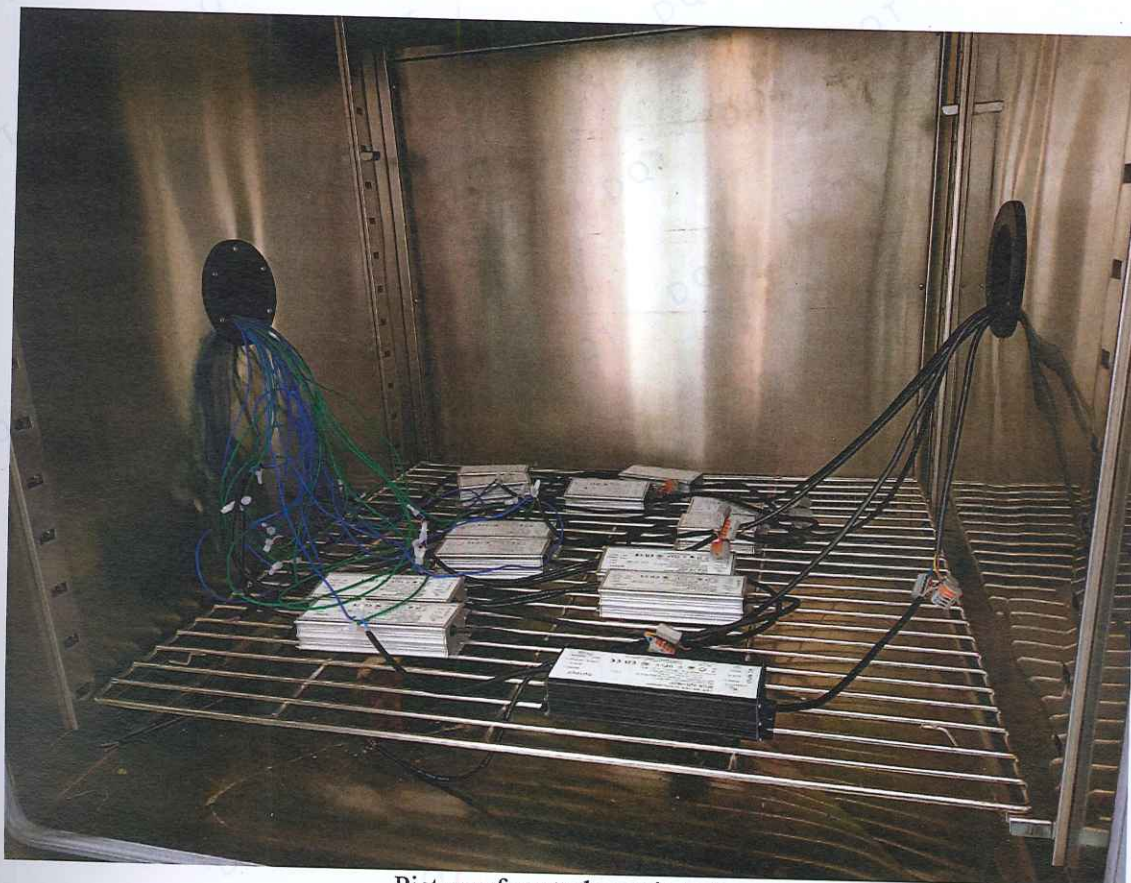
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Attachment 1: Photos



Picture of control gear in test

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