



ELECTRONICS TESTING CENTER, TAIWAN  
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 Issue Date : Mar.04,2010

# TEST REPORT

Ind. Ser. No. : 10-02-VAA-077  
 Applicant : GlacialTech Inc.  
 Address : 9F., No.352. Sec.2, Jung Shan Rd., Jung He City, Taipei,  
 Taiwan, 235, R.O.C.  
 Commodity : LED Driver  
 Main Model: GP-LS150P-54  
 Model : Series Model: GP-LSX<sub>1</sub>X<sub>2</sub>X<sub>3</sub>P-X<sub>4</sub>X<sub>5</sub> X<sub>6</sub>X<sub>7</sub>X<sub>8</sub>,  
 195-PSU-12V-12.5A-04 (Consult Page 2)  
 Quantity : 1 set  
 Date of Receipt : Feb.25,2010  
 Date of Testing : Mar.02,2010  
 Test specification : IEC60529 Edition 2.1 2001-02  
 Ambient Environment : Temp. 21± 2 °C , R.H. 64 ± 1 %  
 Testing Item : IP67  
 Test condition & result : See the following sheets

General remarks :

The test results presented in this report relate only to the object tested.  
 This report shall not be reproduced, except in full, without the written approval of the  
 Issuing testing laboratory.

Approved by : Stevens Wang  
 Stevens Wang



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# TEST REPORT

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**Testing Item : IP67**

**Testing Conditions :**

**IP6X**

- (1) Maximum depression of 2kPa (20mbar )
- (2) The total duration of test is 8 hr.

**Testing Conditions :**

**IPX7**

- (1) Put the testing sample under water 1 m.
- (2) The duration of the test is 30 min.

**Testing Result :**

Request/Experiment	Results	Remark
Accordance with IEC60529 13.4 and 13.6 test.	There is no trace of dust inside.	IP6X
After testing in accordance with appropriate requirements of IEC60529 14.1.14.2.7and14.3	There is no trace of water inside.	IPX7

**Definition of Variable :**

Variable:	Range of Variable:	Content:
Model : GP-LSX <sub>1</sub> X <sub>2</sub> X <sub>3</sub> P-X <sub>4</sub> X <sub>5</sub> X <sub>6</sub> X <sub>7</sub> X <sub>8</sub> ,195-PSU-12V-12.5A-04		
X <sub>1</sub> ~X <sub>3</sub>	may be 100, 120, 150	Output Wattage
X <sub>4</sub> ~X <sub>5</sub>	may be 12, 15, 24, 30, 36, 48, 54, 57	Output Voltage
X <sub>6</sub> ~X <sub>8</sub>	may be any alphanumeric or blank	For business
※There is no deviation on caseing configuration in each ,it is no affection to the test result ,the model 195-PSU-12V-12.5A-04 is equivalent to GP-LS150P-12 in structure .		

Tested by :

*Kengy Yen*

Kengy Yen



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## Utilized testing equipments 試驗設備列表

Test Mode 測試項目	Kind of Instrument Precision Class 設備名稱	Manufacturer 製造商	Model Serial No. 型號,序號或其它資訊	Scan Data 下次校驗日期
IP1X	Test sphere(50mm)試驗球	Fimko Lab.	IEC60529/Tab.6 A	2010/11/03
IP2X	Test sphere(12.5mm)試驗球	Fimko Lab.	IEC60529/Tab.6 B	2010/11/03
IP3X	Test rod,2.5mm(D)x100mm(L)試驗棒	Fimko Lab.	IEC60529/Tab.6 C	2010/11/03
IP4X	Test rod,1mm(D)x100mm(L) 試驗棒	Fimko Lab.	IEC60529/Tab.6 D	2010/11/03
✓ IP5~6X	PTL P14.41 DUST TEST CHAMBER.	PTL	IEC60529/Figure.2	2010/10/20
	IPX1~2 Drip Box 滴水試驗裝置	PTL	IEC60529/Figure.3	2010/07/23
	IPX3~4 Oscillating Tube 灑水及濺水試驗裝置	PTL	IEC60529/Figure.4	2010/07/23
	IPX5~6 Hose Nozzle 對噴流保護檢測用試驗裝置	PTL	IEC60529/Figure.6	2010/07/23
✓ IPX7~8	Water Butt 水桶	達峯塑膠		N/A
	High-pot tester 耐壓機 (HP1)	Good will	GPT-515AD	2010/10/11
	Insulation Tester 絕緣電阻計 (IT2)	Yokogawa	2406	2011/01/05
✓	Stop watch 馬錶	Casio	HS-3	2010/09/01
	Leakage Current Tester 洩漏電流表	Simpson	228	2010/04/09
	High-pot tester 耐壓機 (HP2)	EXTECH	7410	2010/04/07





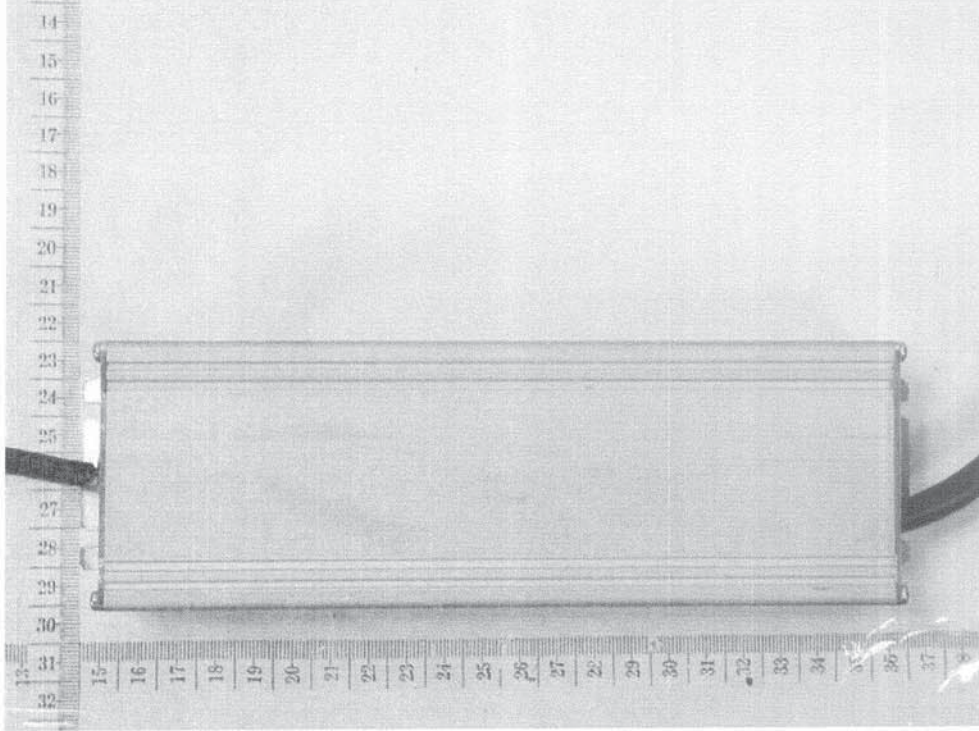
# TEST REPORT

Ind. Ser. No. : 10-02-VAA-077

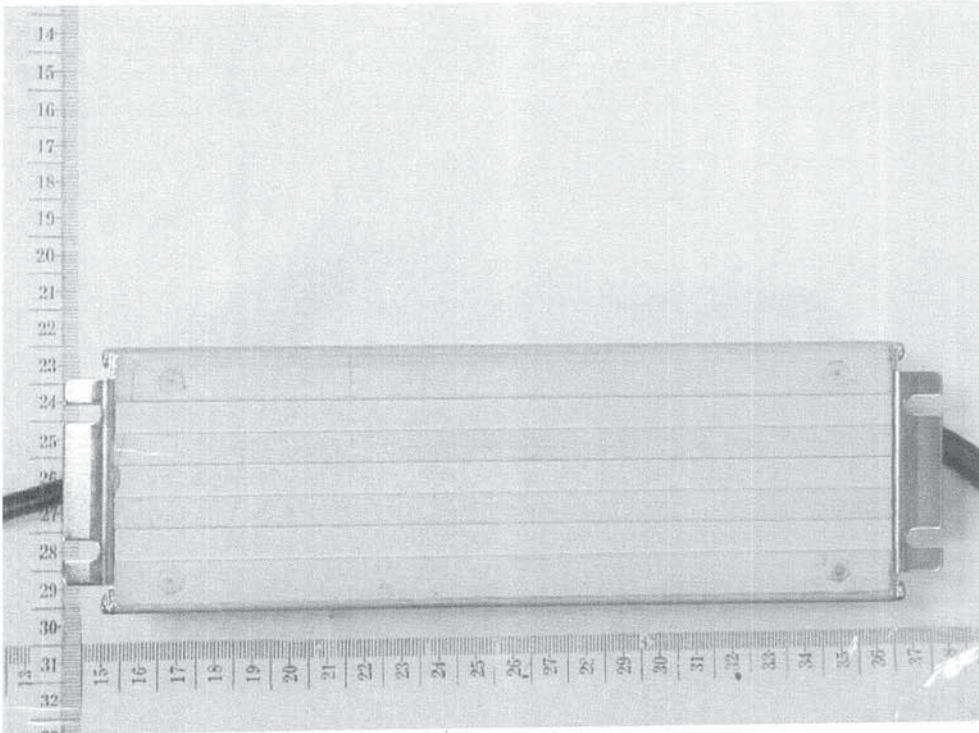
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Main Model : GP-LS150P-54

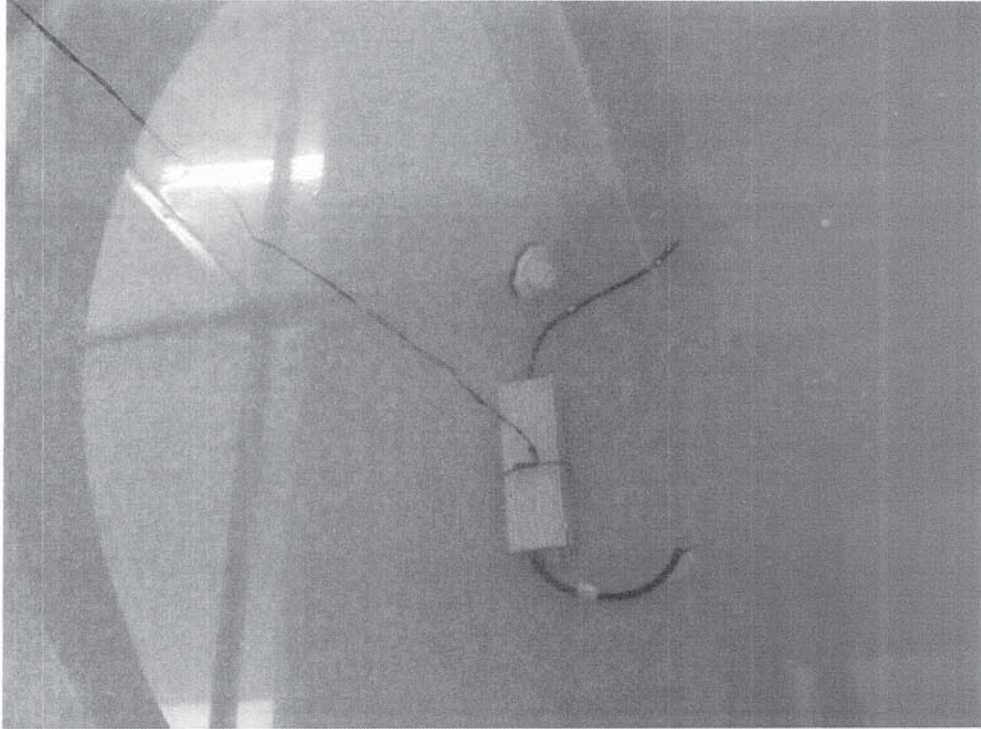


Main Model : GP-LS150P-54

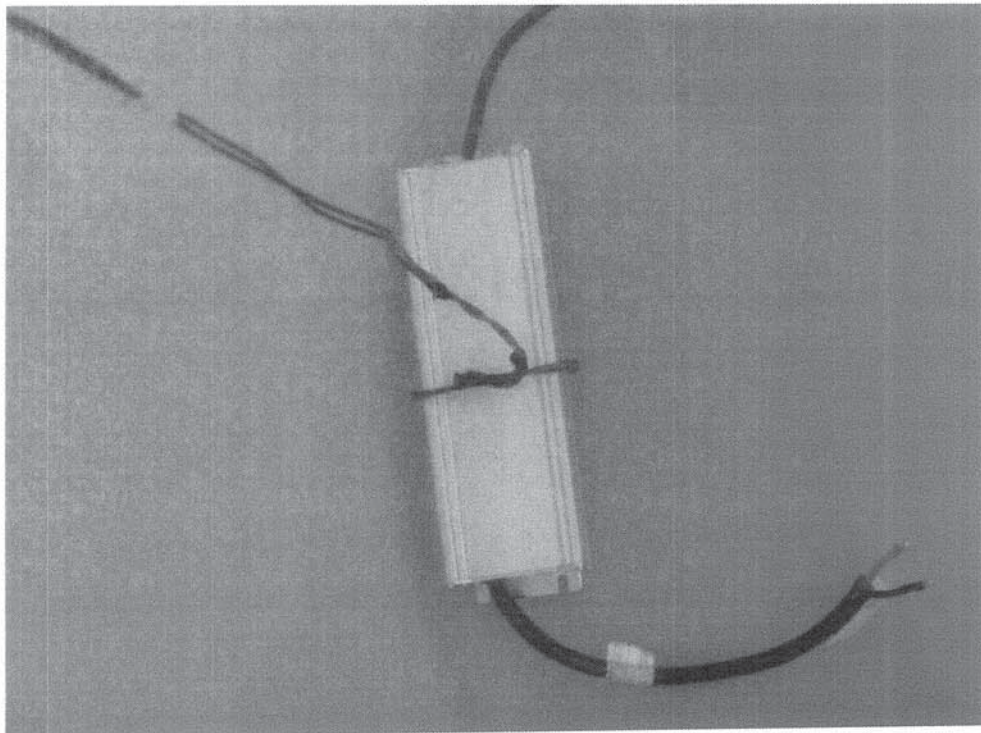


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IPX7 Test



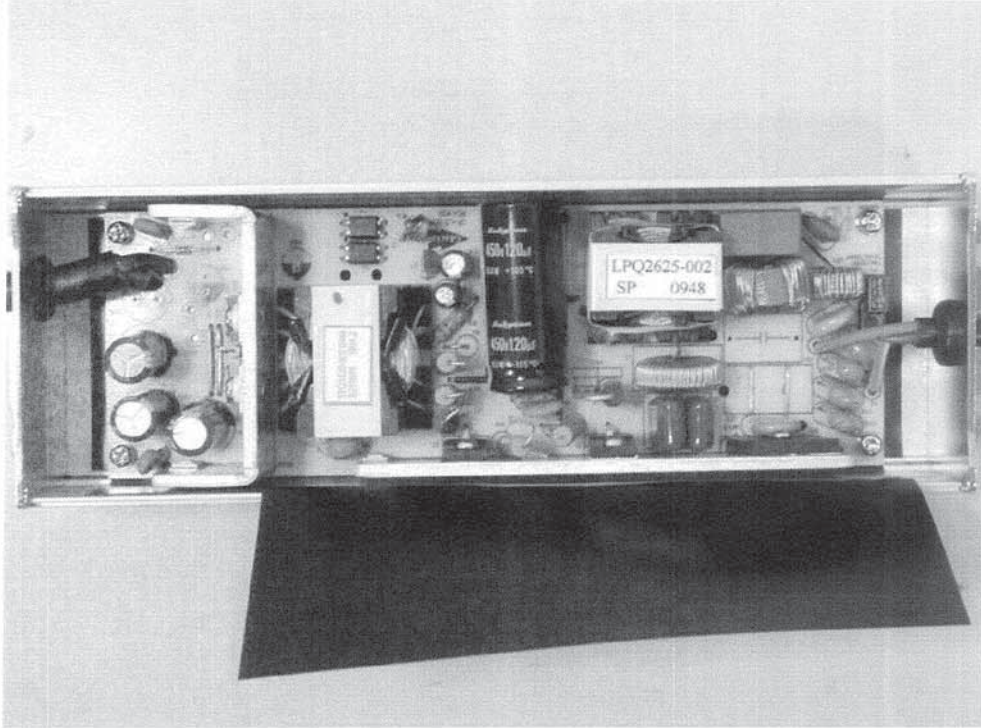
IPX7 Test



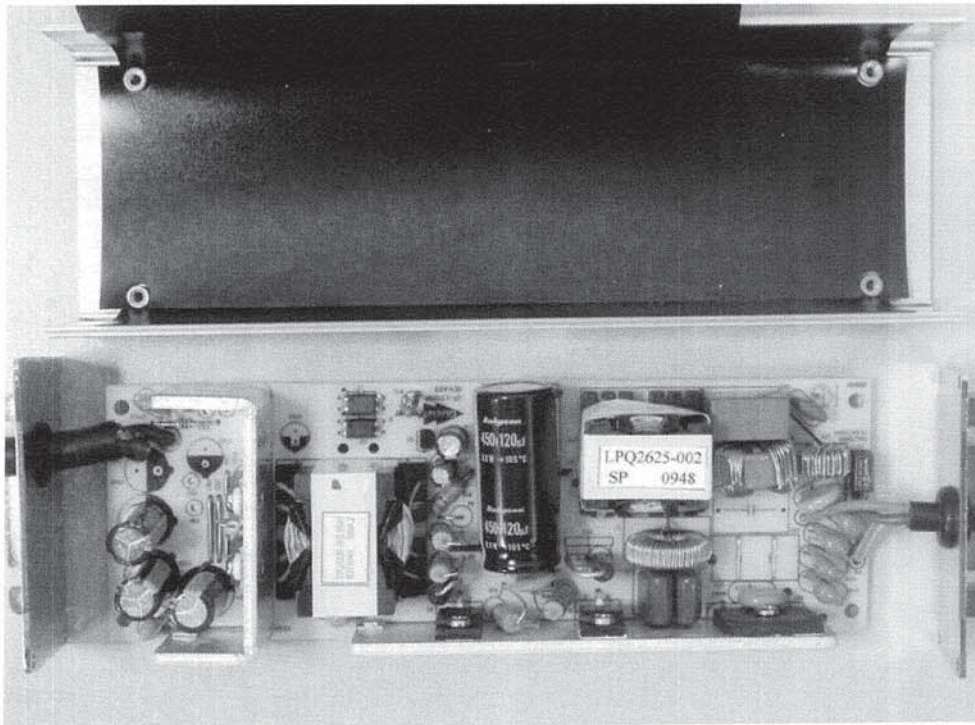


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There is no trace of water inside.



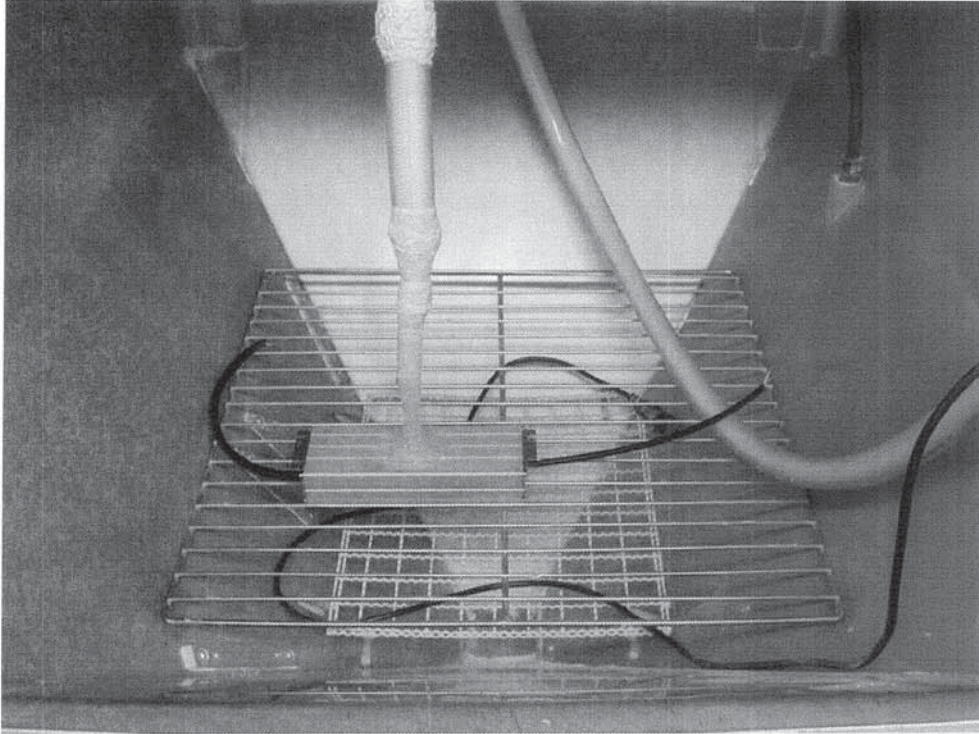
There is no trace of water inside.



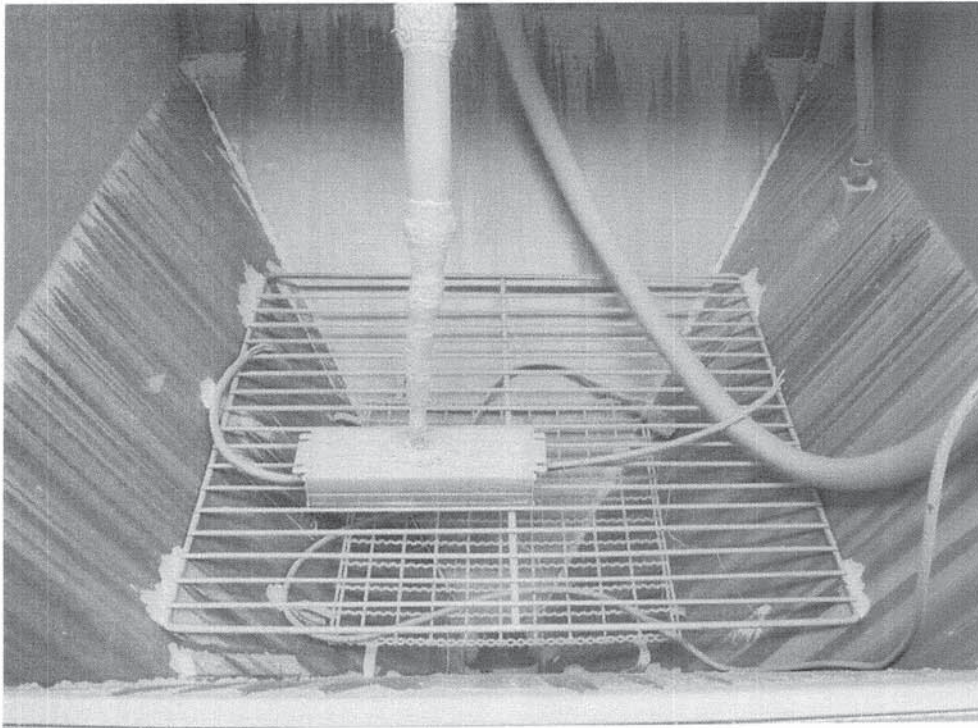


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IP6X Test



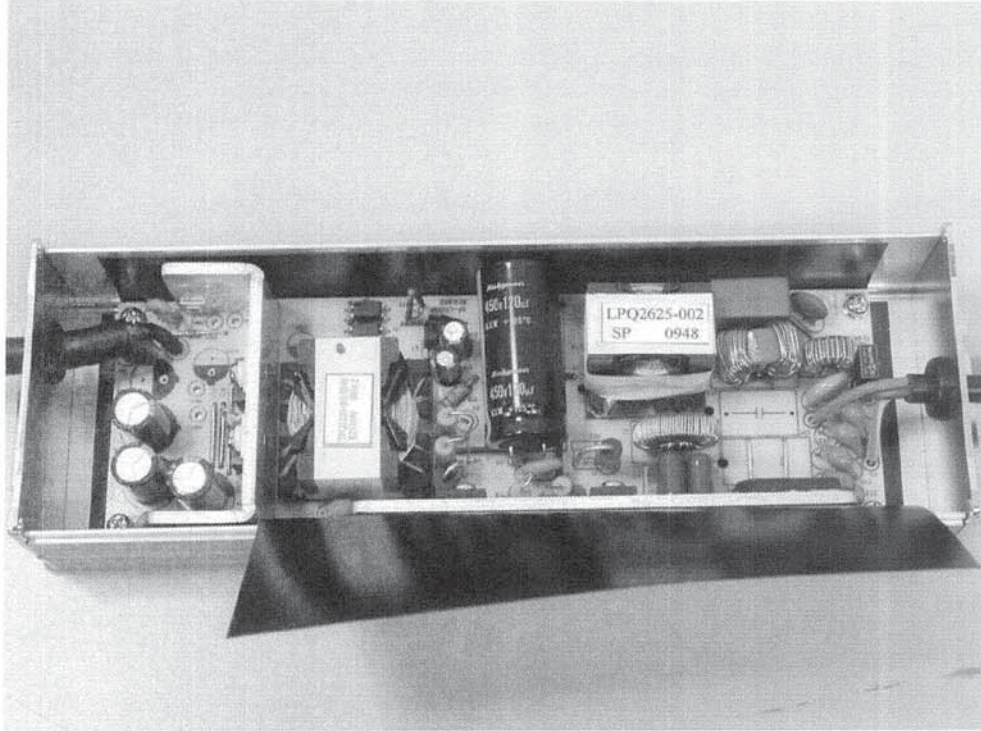
IP6X Test





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There is no trace of dust inside.



There is no trace of dust inside.

