



Reliability Laboratory

## TEST REPORT

Report No.: HCO0204/2009

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Date: October 29, 2009

SYNOCEAN TECHNOLOGY CO., LTD.  
6F, NO. 99, GANG CHEN ROAD,  
TAIPEI, TAIWAN, R.O.C.

The following merchandise was submitted and identified by the vendor as:

Product Description: DC-DC Power Supply  
Style/ Item No.: STC-24400I/ No.1  
Manufacturer/Vendor: Synocean Technology Co., Ltd.  
Country of Origin: Taiwan  
Quantity: Total 1 piece  
Testing Period: Oct. 27, 2009

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required : (According to client's test specification, please see following sheets in detail.)

1. Waterproof test

Test Results : -PLEASE SEE ATTACHED SHEETS-

Terence Hsieh  
Manager - Operation

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## 1. Waterproof test:

### Test Equipment:

Name	Brand	Model	Serial No.
Oscillating Tube Unit	PTL	P02.94	DE133083240

### Lab Environmental Conditions:

Ambient temperature:  $25 \pm 3^{\circ}\text{C}$ 

Relative humidity:  $55 \pm 20\% \text{RH}$ 

### Test Method/ Specification:

Test method: According to IEC 60529 Edition 2.1: 2001-02--IPX4

Sample condition: The specimen is under Operating condition during this test.

Oscillating angle:  $\sim 360^{\circ}$  ( $\sim 180^{\circ}$  / side)

Oscillating speed: 12 seconds / cycle ( $\sim 2 \times 360^{\circ}$ )

Tube radius and

Number of open holes: See below items marked “●”.

Test condition used:	●							
Tube radius (mm)	200	400	600	800	1000	1200	1400	1600
Number of open holes	12	25	37	50	62	75	87	100

Water flow rate:  $0.07 \text{ l / minute} \pm 5\% / \text{hole}$ 

Test duration: 10 minutes

- Perform functional check after this test.
- Functional check: Connect the specimen with rated power and testing apparatuses separately. Examine whether the LED indicator on the testing apparatuses could be lightened or not for check voltage output function of specimen could be work normally or not.
- The functional test procedure, testing apparatuses were offered by client.



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Specimen:

Style/ Item No.: STC-24400I/ No.1

Quantity: Total 1 piece

Test Result:

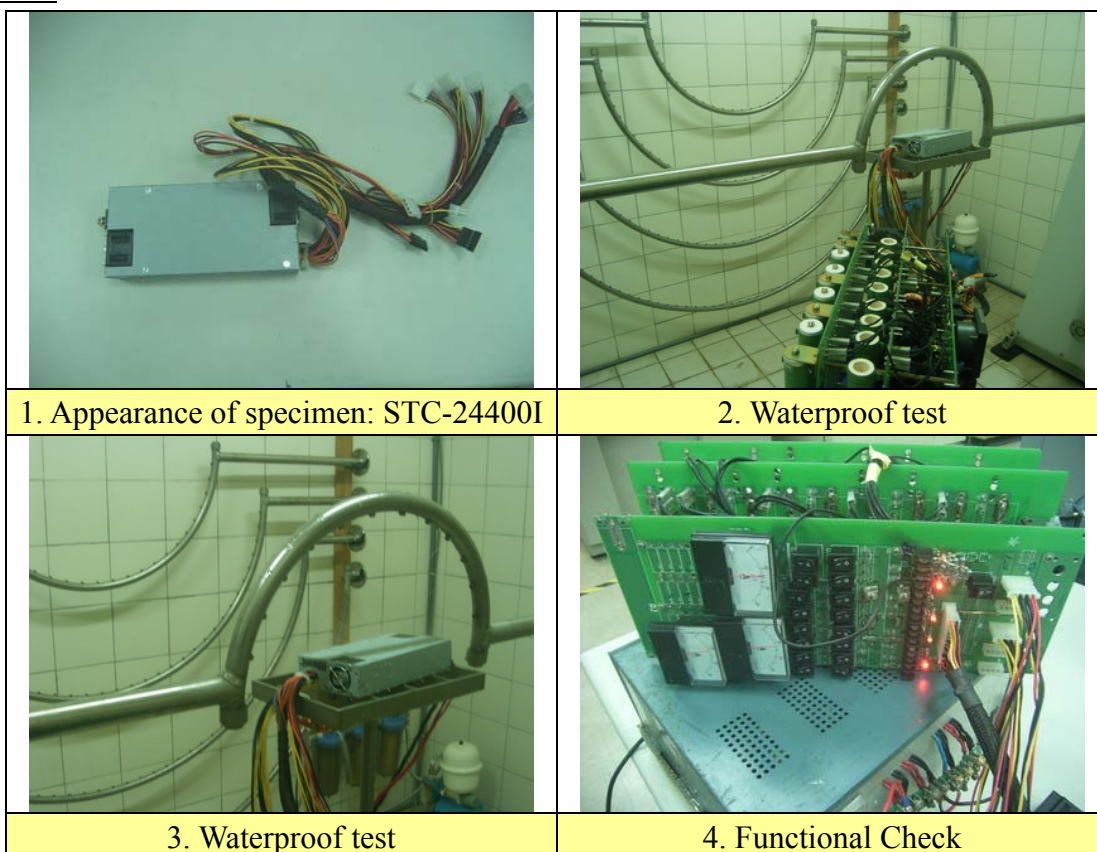
Style/ Item No.	Check Item	Functional Check
	STC-24400I/ No.1	Normal

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### Test Photos:



— — — The End of Test Report — — —