



Testing Laboratory
1126

Degrees of protection (IP Code) provided by enclosure of Neutral Grounding Resistor Panel TEST REPORT

Report number : IPT20150054
Issued date : September 16, 2015

Laboratory : Photovoltaic and Lighting Laboratory
Address: No. 6-6, Ronggong S. Rd., Caota Village, Guanyin Dist,
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TAF Lab Accreditation No. : 1126



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台灣大電力研究試驗中心
Taiwan Electric Research & Testing Center

Photovoltaic and Lighting Laboratory
Report No. : IPT20150054

Degrees of protection (IP Code) provided by enclosure of Neutral Grounding Resistor Panel TEST REPORT

Applicant : SONG YIH ELECTRIC WORKS Co.,Ltd.

Applicant's address : No.11, Aly. 85, Ln. 206, Sec. 1, Zhongshan Rd., Banciao Dist, New Taipei City 220, Taiwan(R.O.C)

Product : Neutral Grounding Resistor Panel

Basic Brand /Model No. : SONG YIH / SEO-12

Series Brand / Model No. : SONG YIH / SEO-5 、 SEO-8.7 、 SEO-15 、 SEO-18 、 SEO-25 、 SEO-34.5 、 SEO-46

Product dimension : (L) 700mm × (W) 450mm × (H)66 mm

Standards : IEC60529 (2013) Degrees of protection provided by enclosures (IP Code)

Sampling procedure : Sent by applicant

Receiving date : September 7, 2015

Testing date : September 7, 2015 ~ September 16, 2015

Testing engineers : Wilson Chuang, Sheng-Hsing Chen

Result of test : Refer to page 3



Signatory of the report



Result of Test

1. Result of test : The enclosure of Neutral Grounding Resistor Panel is satisfactory for IP55.
2. Description of test :

Test items	Standards of test	Result	Verdict
Degrees of protection against access to hazardous parts. Degrees of protection against solid foreign objects. First characteristic numeral 5.	IEC 60529 sec.11.4 sec.13.1 sec.13.4 sec.13.5	No accumulate of dust.	Pass
Degrees of protection against water. Second characteristic numeral 5.	IEC 60529 sec.14.1 sec.14.2.5 sec.14.3	No ingress of water.	Pass

3. Test Equipment :

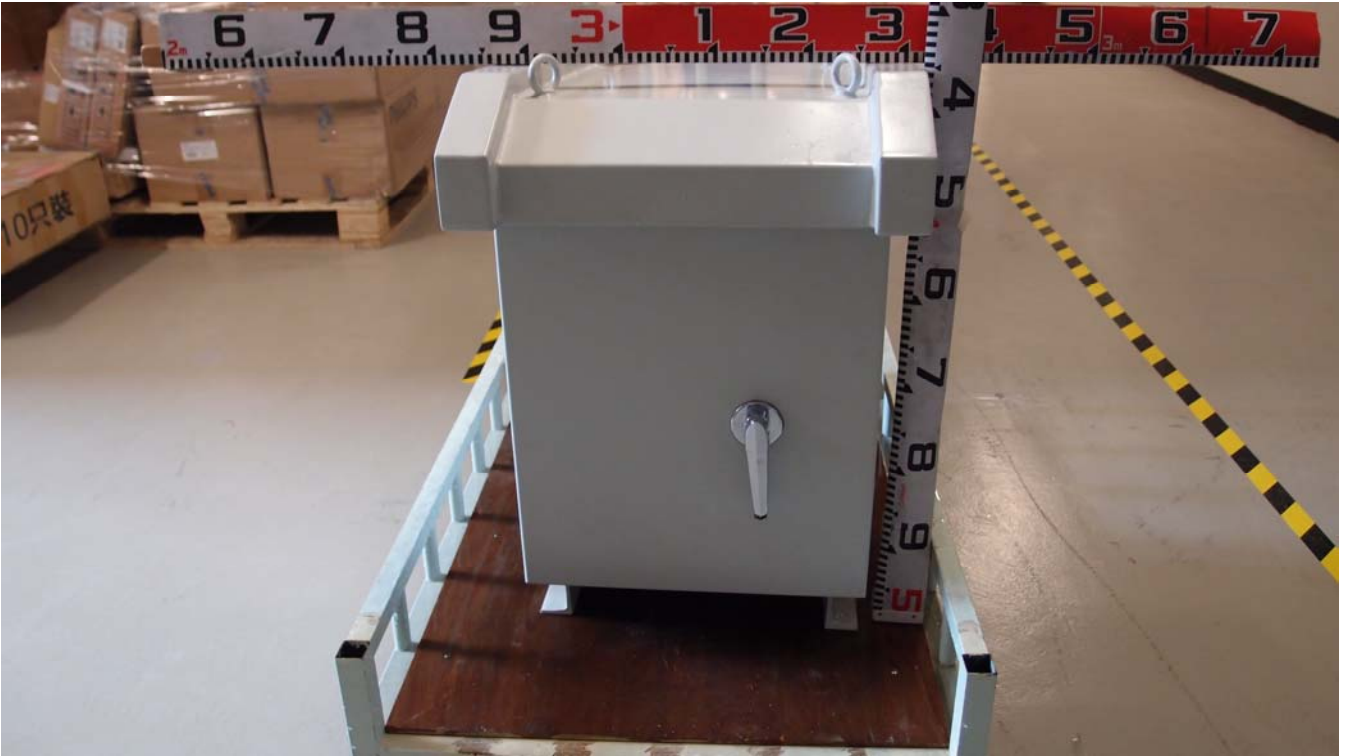
Test equipment	Band / Model	Remark
Resistance to dust,solid objects and moisture test equipment. (IP Code)	PTL/IP-00~IP-68	

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4.PHOTO :

Front view of sample



Profile view of sample



Back view of sample



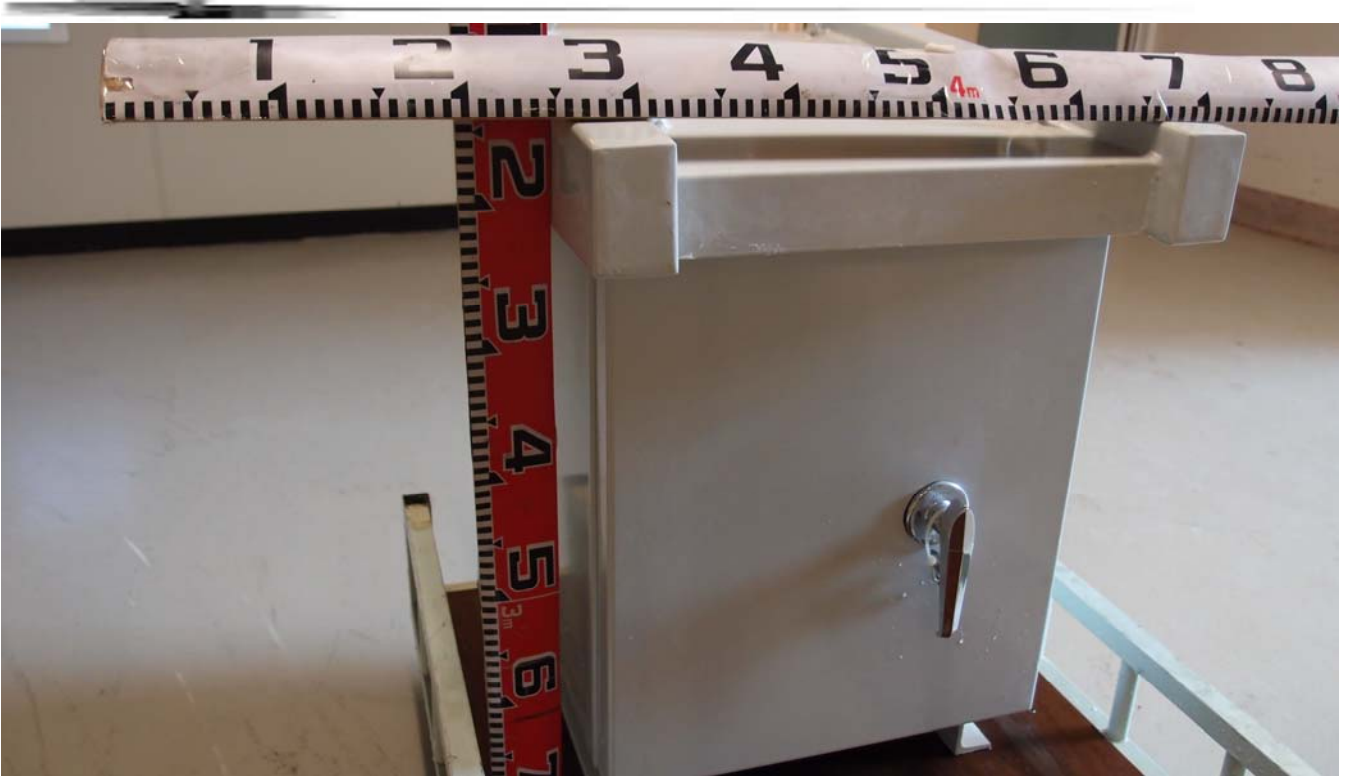
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Profile view of sample



Diagram of internal structure

waterproof tape



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Diagram of internal structure waterproof tape



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