

TEST REPORT

SUMMARY OF TEST REPORT

TEST REPORT NO: ATCC2/16112909

DATE: 20/12/2016

(Number of Pages in Test Report: Page No. 1 to36)

TEST FORMAT AS PER A2: 2015 for IS 13252 (Part 1): 2010 + A1: 2013/ A2: 2013 for IEC 60950-1: 2005 + A1: 2009

1. **Name of the Manufacturer:** Shenzhen Cloudpoint Technology Co., Ltd
2. **Product:** Zero Client (Automatic Data Processing Machine)
3. **Model:** Lead model: S100
Series model: S100W, V1, V1W, A1, A1W, I1, I1W
4. **Model differences provided (if applicable):** Yes/No
5. **Model differences verified as per DEITY Guidelines for series formulation:** Yes/No
6. **Test Results:** Refer below

PART A: GENERAL

SL. NO.	TEST REQUIREMENT	TEST CODE	CLAUSE	VERDICT
1.	Components	EL 2100	1.5	P
2.	Markings and instructions	EL 2101	1.7	P

PART B: PROTECTION FROM HAZARDS

SL. NO.	TEST REQUIREMENT	TEST CODE	CLAUSE	VERDICT
1.	SELV circuits	EL 2102	2.2.3	P
2.	Provisions for earthing and bonding	EL 2103	2.6.2	N/A
3.	Overcurrent and earth fault protection in primary circuits	EL 2104	2.7.1	P
4.	Electrical Insulation	EL 2105	2.9	P
5.	Clearances, creepage distance and distances through insulation	EL 2106	2.10	N/A

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PART C: WIRING, CONNECTIONS AND PHYSICAL REQUIREMENTS

SL. NO	TEST REQUIREMENT	TEST CODE	CLAUSE	VERDICT
1.	Connection to a mains supply	EL 2107	3.2.5	N/A
2.	Disconnections from the main supply	EL 2108	3.4.11	N/A
3.	Stability	EL 2109	4.1	N/A
4.	Design and construction	EL 2110	4.3	N/A
5.	Protection against hazardous moving parts	EL 2111	4.4.5.2	N/A
6.	Resistance to fire	EL 2122	4.7.3.4	P

PART D: ELECTRICAL REQUIREMENTS AND SIMULATED ABNORMAL CONDITIONS

SL. NO.	TEST REQUIREMENT	TEST CODE	CLAUSE	VERDICT
1.	Electric strength	EL 2113	5.2.2	N/A

PART E: CONNECTION TO TELECOM AND CABLE DISTRIBUTION SYSTEM

SL. NO.	TEST REQUIREMENT	TEST CODE	CLAUSE	VERDICT
1.	Protection of equipment users from overvoltages on telecommunication networks	EL 2114	6.2.2	N/A
2.	Connection to cable distribution systems	EL 2115	7.4.3	N/A

GENERAL INFORMATION:

- 1) The conformity certificates of critical components are verified to ensure complete testing of apparatus under test and details regarding harmonized IEC standards (where IEC standards are not available) are also provided in the list of critical components.

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CONCLUSION:

- 1.) Sample meets all relevant requirements of A2 : 2015 for IS 13252 (Part 1): 2010 + A1: 2013/ A2 : 2013 for IEC 60950-1: 2005 + A1: 2009
- 2.) Sample fails to meet the following test requirements.
- 3.) I, hereby undertake that the verdict stated in the test reports for all the test matches with the test results. The sample meets all relevant requirements A2 : 2015 for IS 13252 (Part 1): 2010 + A1: 2013/ A2 : 2013 for IEC 60950-1: 2005 + A1: 2009/ ~~does not meet the requirements.~~ If any deviation found, suitable punitive action may be taken by BIS.

Date: 20/12/2016

(Signature of Authorized person with Stamp)

YAD RAM
Technical Manager



TEST REPORT



Test Report No.: ATCC2/16112909		Page 1 of 36
		Issue Date: 20/12/2016
Manufacturer:	Shenzhen Cloudpoint Technology Co., Ltd Room 709, the Gold Hotel, Shennan East Rd., Luohu District, Shenzhen	
Test item:	Zero Client (Automatic Data Processing Machine)	
Identification:	Lead model: S100 Series model: S100W, V1, V1W, A1, A1W, I1, I1W	Serial No.: Nil
Receipt/job No.:	16112909	Date of receipt: 29/11/2016
Testing laboratory and its address:	Amit Test And Calibration Centre (Unit 2) Kh.no. 45/14,17 & 45/6 & 7 Village Prahaladpur Bangar, Near Kali Mata Mandir, Delhi-110042	
Test specification:	A2 : 2015 for IS 13252 (Part 1): 2010 + A1: 2013 / A2 : 2013 for IEC 60950-1: 2005 + A1: 2009	
Test Result:	<i>The test item passed / failed the test specification(s).</i>	
Other Aspects:	This test report consists of 36 pages	
<i>This test report relates to the test sample submitted and list of documents attached.</i>		

Tested by:	Approved by / Authorized Signatory:	Issued by:
		
Testing Engineer: Kapil Dhaka	Technical Manager: Yad Ram	Quality Manager: Rajiv Jadon
Date: 20/12/2016	Date: 20/12/2016	Date: 20/12/2016



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TEST REPORT	
A2: 2015 for IS 13252 (Part 1): 2010 + A1: 2013/ A2: 2013 for IEC 60950-1: 2005 + A1: 2009 Information technology equipment – Safety – Part 1: General requirements “Automatic Data Processing Machine”	
Report No	ATCC2/16112909
Date of issue	20/12/2016
Total number of pages	36
Testing Laboratory	Amit Test And Calibration Centre (Unit 2)
Address	Kh.no. 45/14,17 & 45/6 & 7 Village Prahaladpur Bangar, Near Kali Mata Mandir, Delhi-110042
Manufacturer's name	Shenzhen Cloudpoint Technology Co., Ltd
Address	Room 709, the Gold Hotel, Shennan East Rd., Luohu District, Shenzhen
Test specification:	
Standard	A2 : 2015 for IS 13252 (Part 1): 2010 + A1: 2013 / A2 : 2013 for IEC 60950-1: 2005 + A1: 2009
Test procedure	Compliance Report
Non-standard test method	N/A
Test Report Form No	BIS_IT/ADP_IS13252_A2_V1.0
Test Report Form(s) Originator	Bureau of Indian Standards
Master TRF	26/10/2015
Test item description	Zero Client (Automatic Data Processing Machine)
Trade Mark	
Model/Type reference	Lead model: S100 Series model: S100W, V1, V1W, A1, A1W, I1, I1W
Ratings	5.0V  2.0A
Other Documents submitted	Please refer to Table – List of Attachments at Page No.06

Tested by: 	Approved by / Authorized Signatory: 	Issued by: 
Testing Engineer: Kapil Dhaka	Technical Manager: Yad Ram	Quality Manager: Rajiv Jadon
Date: 20/12/2016	Date: 20/12/2016	Date: 20/12/2016



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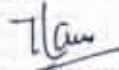
Test Code	Description	Measurement/ testing	Total No. of tests	Total no. of applicable tests/ Req.	No. of tests/ Req. passed	Page No.
EL 2100	General Requirements	Components (Cl.1.5)	08	07	07	09
EL 2101	Marking Requirements	Marking & instructions (Cl.1.7)	09	07	07	10
EL 2102	Electrical safety	SELV Circuits (Cl.2.2)	01	01	01	11
EL 2103	Electrical safety	Provisions for earthing and bonding (Cl.2.6)	02	00	N/A	12
EL 2104	Electrical safety	Overcurrent and earth fault protection in primary circuits (Cl.2.7)	01	01	01	13
EL 2105	Electrical safety	Electrical Insulation (Cl.2.9)	03	03	03	14
EL 2106	Electrical safety	Clearances, Creepage distances and distances through insulation (Cl.2.10)	02	00	N/A	15
EL 2107	Wiring	Connection to a main supply (Cl.3.2)	01	00	N/A	16
EL 2108	Wiring	Disconnection for the main supply (Cl.3.4)	01	00	N/A	17
EL 2109	Mechanical properties	Stability (Cl.4.1)	04	00	N/A	18
EL 2110	Mechanical properties	Design and construction (Cl.4.3)	06	00	N/A	19
EL 2111	Mechanical properties	Protection against hazardous moving parts (Cl.4.4)	02	00	N/A	20
EL 2112	Fire Safety	Resistance to fire (Cl.4.7)	02	02	02	21
EL 2113	Insulating properties	Electric Strength (Cl.5.2)	01	00	N/A	22
EL 2114	Communicating connection	Protection of equipment users from overvoltages on telecommunication networks (Cl.6.2)	01	00	N/A	23
EL 2115	Connection to cable distribution	Connection to cable distribution systems	01	00	N/A	24

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	systems	(Cl.7)				
EL 2116	Insulating properties	Motor tests under abnormal conditions (Annex B)	02	00	N/A	25
EL 2117	Insulating properties	Measuring Instruments For Touch-Current Tests (Annex D)	01	00	N/A	26
EI 2118	Electrical Safety	Measurement Of Clearances And Creepage Distances(Annex F)	01	01	01	27
EL 2119	General Requirements	Normative References(Annex P)	01	00	N/A	28
EL 2120	General Requirements	Voltage dependent resistors (VDRs) (Annex Q)	03	03	03	29
EL 2121	Wiring	Insulated Winding Wires For Use Without Interleaved Insulation(Annex U)	01	00	N/A	30
EL 2122	Radiation safety	Ultraviolet Light Conditioning Test(Annex Y)	02	00	N/A	31
EL 2123	Electrical Safety	Evaluation of integrated circuit (IC) current limiters (Annex CC)	05	00	N/A	32

Certificate: It is certified that the above tests were performed and found to be passing/Failing in the requirement tested.



(Approving Authority)

YAD RAM
Technical Manager



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Copy of marking plate:



Making of lead model



Marking of switching adapter



Marking of series models

Handwritten signature



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Table – List of Attachments

Attachment No.	Attachment Description	No. of pages in Attachment
Attachment – 1	Plug dimension	35
Attachment – 1	Photo Document	36

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.

Possible test case verdicts:

- test case does not apply to the test object.....: N/A
- test object does meet the requirement.....: P (Pass)
- test object does not meet the requirement.....: F (Fall)

Testing

Date of receipt of test item.....: 29/11/2016
 Date(s) of performance of tests.....: From 06/12/2016 to 19/12/2016

Laboratory conditions

Ambient Temperature.....: (27±2)°C
 Ambient Humidity.....: 50±5 % RH



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Test item particulars	Zero Client (Automatic Data Processing Machine)
Equipment mobility	<input checked="" type="checkbox"/> movable <input type="checkbox"/> hand-held <input type="checkbox"/> transportable <input type="checkbox"/> stationary <input type="checkbox"/> for building-in <input type="checkbox"/> direct plug-in
Connection to the mains	<input type="checkbox"/> pluggable equipment <input type="checkbox"/> type A <input type="checkbox"/> type B <input type="checkbox"/> permanent connection <input type="checkbox"/> detachable power supply cord <input type="checkbox"/> non-detachable power supply cord <input checked="" type="checkbox"/> not directly connected to the mains
Operating condition.....	<input checked="" type="checkbox"/> continuous <input type="checkbox"/> rated operating / resting time:
Access location	<input checked="" type="checkbox"/> operator accessible <input type="checkbox"/> restricted access location
Over voltage category (OVC)	<input type="checkbox"/> OVC I <input type="checkbox"/> OVC II <input type="checkbox"/> OVC III <input type="checkbox"/> OVC IV <input checked="" type="checkbox"/> other: SELV
Mains supply tolerance (%) or absolute mains supply values.....	N/A
Class of equipment	<input type="checkbox"/> Class I <input type="checkbox"/> Class II <input checked="" type="checkbox"/> Class III <input type="checkbox"/> Not classified
Considered current rating protective device as a part of the building installation (A)	N/A
Pollution degree (PD)	<input type="checkbox"/> PD 1 <input checked="" type="checkbox"/> PD 2 <input type="checkbox"/> PD 3
IP protection class	IP20
Altitude during operation (m)	Up to 2000
Altitude of test laboratory (m)	< 1000
Mass of equipment (kg)	0.109 Kg.

Abbreviations that may be used throughout this test report:

PE/PB : protective earth/protective bonding	Pri : primary
CB : circuit breaker	sec : secondary
(SW)PS : (switching) power supply	gnd..... : ground
HV : high voltage	I/O : input/output
PCB..... : printed circuit (wiring) board	ii : installation instruction
TIW : triple insulated wire	PSU : Power Supply Unit
B/I..... : built-in application (compliance shall be guarantee in host equipment)	
F/B/S/R : Functional/Basic/Supplementary/Reinforced Insulation	

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General product information:	
1) Application details / Description of the product:	
The equipment under test is "Zero Client (Automatic Data Processing Machine)" of model: "S100", Certified Switching adapter with input: 90-270~, 50/60Hz, 0.5A MAX and Output: 5.0V $\overline{\text{---}}$ 2.0A	
Max. Specified ambient temperature (°C).....:	25 °C
2) Differences between the models.....:	Capacity of RAM and integrated WIFI
Model No. tested with-in the family series .:	S100
3) Options:	
The equipment was tested without any optional accessory installed. Hence, this report does not cover parameters that are influenced by the installation of optional accessory that might affect safety in the meaning of this standard.	



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Tests relating to General Requirements

EL 2100_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
1.5	Components*	EL 2100-00	Verification of approvals with due correlation between the components used and the approval certificates submitted (Please see the table 1.5.1)	P
1.5.1	General:		See below	P
	Components shall be complying with IEC 60950-1 or relevant component standard.	EL 2100-01	Component certified with relevant component standard.	P
	Components and subassemblies approved for IEC 62368-1 can be considered as complying with this standard	EL 2100-02	See above	N/A
1.5.2	Evaluation and testing of components	EL 2100-03	Component certified to IEC standard and/or their harmonized standards are used within their ratings (See Table 1.5.1)	P
1.5.6	Capacitors bridging insulation *	EL 2100-04	Certified adapter used	P
1.5.7.2	Resistor bridging double or reinforced insulation between a.c mains and other circuits	EL 2100-05	See above cl. no. 1.5.6	P
1.5.9.2	Protection of VDRs	EL 2100-06	Certified adapter used	P
1.5.9.4	Bridging of basic insulation by a VDR*	EL 2100-07	See above cl.no 1.5.9.2	P

*Total number of Requirements to be observed / inspected = 03

Total No of applicable Requirement = 03

No of Requirements for which the sample passed = 03

Total number of tests to be conducted = 05

Total No of applicable Tests = 04

No. of tests for which the sample passed = 04

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.

(Approving Authority)

YAD RAM
Technical Manager



TRF No. BIS_IT/ADP_IS13252_A2_V1.0

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Tests relating to Marking Requirements

EL 2101_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
1.7	Marking and instructions*	EL 2101-00	See below	P
1.7.1.1	Power rating markings*	EL 2101-01	See below	P
	Rated voltage(s) or voltage ranges(s) (V)*:	EL 2101-02	5.0Vdc	P
	Multiple mains supply connections*	EL 2101-03	No multiple mains supply	N/A
	Symbol for nature of supply, for d.c. only*:	EL 2101-04	Marked on marking plate	P
	Rated frequency or rated frequency range (Hz) *:	EL 2101-05	DC supply	N/A
	Rated current (mA or A)*:	EL 2101-06	2.0A	P
1.7.1.2	Identification markings*	EL 2101-07	Provided	P
1.7.1.3	Use of graphical symbols*	EL 2101-08	Symbols used	P

*Total number of Requirements to be observed / inspected = 09

Total No of applicable Requirement = 07

No of Requirements for which the sample passed = 07

Total number of tests to be conducted = 00

Total No of applicable Tests = 00

No. of tests for which the sample passed = N/A

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.



(Approving Authority)

YAD RAM
Technical Manager



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Report No. ATCC2/16112909	A2 : 2015 for IS 13252 (Part 1): 2010 + A1: 2013 /	Page 11 of 36
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Tests relating to Electrical Safety

EL 2102_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
2.2.3	Voltage under fault condition	EL 2102-00	Certified adapter used	P

*Total number of Requirements to be observed / inspected = 00

Total No of applicable Requirement = 00

No of Requirements for which the sample passed = N/A

Total number of tests to be conducted = 01

Total No of applicable Tests = 01

No. of tests for which the sample passed = 01

Certificate: It is certified that the above tests were performed and found to be passing/failing in the requirement tested.



(Approving Authority)

YAD RAM
 Technical Manager



TEST REPORT

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Tests relating to Electrical Safety

EL 2103_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
2.6.2	Functional earthing : The Functional earthing either separated from hazardous voltages by double- or reinforced insulation or safely connected to Protective Bonding Conductor.*	EL 2103-00	Class III equipment powered by certified adapter used	N/A
	Use of symbol for functional earthing.*	EL 2103-01		N/A

*Total number of Requirements to be observed / Inspected = 02

Total No of applicable Requirement = 00

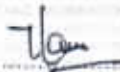
No of Requirements for which the sample passed = N/A

Total number of tests to be conducted = 00

Total No of applicable Tests = 00

No. of tests for which the sample passed = N/A

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.



(Approving Authority)

YAD RAM
Technical Manager



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Report No. ATCC2/16112909	A2 : 2015 for IS 13252 (Part 1): 2010 + A1: 2013 /	Page 13 of 36
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Tests relating to Electrical Safety

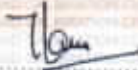
EL 2104_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
2.7.1	Basic requirements: The built-in device fuse provides overcurrent protection. OR The equipment is protected by the built-in circuit breaker.*	EL 2104-00	Certified adapter used	P

*Total number of Requirements to be observed / inspected = 01
 Total No of applicable Requirement = 01
 No of Requirements for which the sample passed = 01

Total number of tests to be conducted = 00
 Total No of applicable Tests = 00
 No. of tests for which the sample passed = N/A

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.



(Approving Authority)

YAD RAM
 Technical Manager



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Report No. ATCC2/16112909	A2 : 2015 for IS 13252 (Part 1): 2010 + A1: 2013 /	Page 14 of 36
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Tests relating to Electrical Safety

EL 2105_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
2.9	Electrical insulation*	EL 2105-00		P
2.9.1	Properties of insulating materials*	EL 2105-01	Natural rubber, material containing asbestos and hygroscopic material are not used	P
2.9.2	Humidity conditioning	EL 2105-02	See below	P
	Relative Humidity : 93 ±3 %, Temperature: t at 40 ± 2°C Duration : 120 hours		Relative Humidity : 93%Rh, Temperature: t at 40°C Duration : 120 hours	P

*Total number of Requirements to be observed / inspected = 02

Total No of applicable Requirement = 02

No of Requirements for which the sample passed = 02

Total number of tests to be conducted = 01

Total No of applicable Tests = 01

No. of tests for which the sample passed = 01

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.



(Approving Authority)

YAD RAM
Technical Manager



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Report No. ATCC2/16112909	A2 : 2015 for IS 13252 (Part 1): 2010 + A1: 2013 /	Page 15 of 36
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Tests relating to Electrical Safety

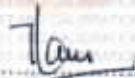
EL 2106_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
2.10.10	Test for Pollution Degree 1 environment and for insulating compound	EL 2106-00	Pollution degree 2	N/A
2.10.11	Tests for semiconductor devices and cemented joints	EL 2106-01		N/A

*Total number of Requirements to be observed / inspected = 00
 Total No of applicable Requirement = 00
 No of Requirements for which the sample passed = N/A

Total number of tests to be conducted = 02
 Total No of applicable Tests = 00
 No. of tests for which the sample passed = N/A

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.



(Approving Authority)

YAD RAM
 Technical Manager



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Tests relating to Wiring

EL 2107_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
3.2.5	Power supply cords		Power supply cord not used	N/A
3.2.5.1	AC power supply cords	EL 2107-00	See above cl. no. 3.2.5	N/A
	Rated current (A), cross-sectional area (mm ²), AWG		See above cl. no. 3.2.5	N/A

*Total number of Requirements to be observed / inspected = 00

Total No of applicable Requirement = 00

No of Requirements for which the sample passed = N/A

Total number of tests to be conducted = 01

Total No of applicable Tests = 00

No. of tests for which the sample passed = N/A

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.



(Approving Authority)

YAD RAM
Technical Manager



TEST REPORT

Report No. ATCC2/16112909	A2 : 2015 for IS 13252 (Part 1): 2010 + A1: 2013 /	Page 17 of 36
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Tests relating to Wiring

EL 2108_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
3.4.11	Multiple power sources*	EL 2108-00		N/A

*Total number of Requirements to be observed / inspected = 01

Total No of applicable Requirement = 00

No of Requirements for which the sample passed = N/A

Total number of tests to be conducted = 00

Total No of applicable Tests = 00

No. of tests for which the sample passed = N/A

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.



(Approving Authority)

YAD RAM
Technical Manager



TEST REPORT

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Tests relating to Mechanical Properties

EL 2109_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
4.1	Stability	EL 2109-00	Mass of equipment is 0.109Kg	N/A
	a) A unit having a mass of 7 kg or more shall not fall over when tilted to an angle of 10° from its normal upright position. Alternatively, the unit is placed in its intended position of use on a plane, inclined at an angle of 10° to the horizontal, and then rotated slowly through an angle of 360° about its normal vertical axis.	EL 2109-01	Mass less than 7 Kg	N/A
	b) A floor-standing unit having a mass of 25 kg or more shall not fall over when a force equal to 20 % of the weight of the unit, but not more than 250 N, is applied in any direction except upwards, at a height not exceeding 2 m from the floor.	EL 2109-02	Not a floor standing equipment	N/A
	c) A floor-standing unit shall not fall over when a constant downward force of 800 N is applied at the point of maximum moment to any horizontal surface of at least 125 mm by at least 200 mm, at a height up to 1 m from the floor.	EL 2109-03	Not a floor standing equipment	N/A

*Total number of Requirements to be observed / inspected = 00

Total No of applicable Requirement = 00

No of Requirements for which the sample passed = N/A

Total number of tests to be conducted = 04

Total No of applicable Tests = 00

No. of tests for which the sample passed = N/A

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.

(Approving Authority)

YAD RAM
Technical Manager



TEST REPORT

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Tests relating to Mechanical Properties

EL 2110_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
4.3.8	Batteries		Battery not used	N/A
	a) Overcharging of a rechargeable battery	EL 2110-00	See above 4.3.8	N/A
	b) Unintentional charging of a non-rechargeable battery	EL 2110-01	See above 4.3.8	N/A
	c) Reverse charging of a rechargeable battery	EL 2110-02	See above 4.3.8	N/A
	d) Excessive discharging rate for any battery	EL 2110-03	See above 4.3.8	N/A
	e) Electric strength as per Cl.5.3.9.2	EL 2110-04	See above 4.3.8	N/A
4.3.13.5.2	Light emitting diodes (LED's)	EL 2110-05	Low power LED used as functional indicators	N/A

*Total number of Requirements to be observed / inspected = 00

Total No of applicable Requirement = 00

No of Requirements for which the sample passed = N/A

Total number of tests to be conducted = 06

Total No of applicable Tests = 00

No. of tests for which the sample passed = N/A

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.



(Approving Authority)

YAD RAM
 Technical Manager



TEST REPORT

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Tests relating to Mechanical Properties

EL 2111_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
4.4.5.2	Protection for users*	EL 2111-00	No moving parts	N/A
	Use of symbol or warning*	EL 2111-01		N/A

*Total number of Requirements to be observed / inspected = 02
 Total No of applicable Requirement = 00
 No of Requirements for which the sample passed = N/A

Total number of tests to be conducted = 00
 Total No of applicable Tests = 00
 No. of tests for which the sample passed = N/A

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.

(Approving Authority)

YAD RAM
 Technical Manager



TEST REPORT

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Tests relating to Fire Safety

EL 2112_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
4.7.3.4	Materials for components and other parts inside fire enclosures		Certified material used (See table 1.5.1)	P
	a) Inside FIRE ENCLOSURES, materials for components and other parts shall comply with one of the following: - be of V-2 CLASS MATERIAL or HF-2 CLASS FOAMED MATERIAL; or - pass the flammability test described in Clause A 2; or - meet the flammability requirements of a relevant IEC component standard that includes such requirements.	EL 2112-00	Components are mounted on V-0 class material	P
	Requirements for voltage dependent resistors (VDR's) are in Annex Q.*	EL 2112-01	Certifies adapter used	P

*Total number of Requirements to be observed / inspected = 01

Total No of applicable Requirement = 01

No of Requirements for which the sample passed = 01

Total number of tests to be conducted = 01

Total No of applicable Tests = 01

No. of tests for which the sample passed = 01

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.



(Approving Authority)

YAD RAM
 Technica Manager



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Tests relating to Insulating Properties

EL 2113_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
5.2.2	Test procedure		Class III equipment	N/A
	a) The test voltages for electric strength for the appropriate grade of insulation [FUNCTIONAL INSULATION if required by 5.3.4 b), BASIC INSULATION, SUPPLEMENTARY INSULATION or REINFORCED INSULATION] are as specified in either: - Table 5B using the PEAK WORKING VOLTAGE (U), as determined in 2.10.2, or - Table 5C using the REQUIRED WITHSTAND VOLTAGE, as determined in G.4.	EL 2113-00	See above	N/A

*Total number of Requirements to be observed / inspected = 00
 Total No of applicable Requirement = 00
 No of Requirements for which the sample passed = N/A

Total number of tests to be conducted = 01
 Total No of applicable Tests = 00
 No. of tests for which the sample passed = N/A

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.



(Approving Authority)

YAD RAM
 Technical Manager



TEST REPORT

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Tests relating to Communicating Connection

EL 2114_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
6.2.2	Electric strength test procedure	EL 2114-00	Equipment is not for connection to telecommunication network	N/A

*Total number of Requirements to be observed / inspected = 00

Total No of applicable Requirement = 00

No of Requirements for which the sample passed = N/A

Total number of tests to be conducted = 01

Total No of applicable Tests = 00

No. of tests for which the sample passed = N/A

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.

(Approving Authority)

YAD RAM
 Technical Manager



TEST REPORT

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Tests relating to Connection to cable distribution system

EL 2115_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
7.4.3	Impulse test	EL 2115-00		N/A

*Total number of Requirements to be observed / inspected = 00

Total No of applicable Requirement = 00

No of Requirements for which the sample passed = N/A

Total number of tests to be conducted = 01

Total No of applicable Tests = 00

No. of tests for which the sample passed = N/A

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.

(Approving Authority)

YAD RAM
 Technical Manager



TEST REPORT

Report No. ATCC2/16112909	A2 : 2015 for IS 13252 (Part 1): 2010 + A1: 2013 /	Page 25 of 36
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Tests relating to Insulation Properties

EL 2116_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
B.7.2	Test procedure	EL 2116-01		N/A
B.7.3	Alternative test procedure	EL 2116-02		N/A

*Total number of Requirements to be observed / inspected = 00

Total No of applicable Requirement = 00

No of Requirements for which the sample passed = N/A

Total number of tests to be conducted = 01

Total No of applicable Tests = 00

No. of tests for which the sample passed = N/A

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.



(Approving Authority)

YAD RAM
 Technical Manager



TEST REPORT

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Tests relating to Insulation Properties

EL 2117_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
D.1	Measuring instrument	EL 2117-00	Class III equipment	N/A

*Total number of Requirements to be observed / inspected = 00
 Total No of applicable Requirement = 00
 No of Requirements for which the sample passed = N/A

 Total number of tests to be conducted = 01
 Total No of applicable Tests = 00
 No. of tests for which the sample passed = N/A

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.


 (Approving Authority)
YAD RAM
 Technical Manager



TEST REPORT

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Tests relating to Electrical Safety

EL 2118_A2 - V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
F	ANNEX F, MEASUREMENT OF CLEARANCES AND CREEPAGE DISTANCES (see 2.10 and Annex G)	EL 2118-00	Certified adapter used	P

*Total number of Requirements to be observed / inspected = 00

Total No of applicable Requirement = 00

No of Requirements for which the sample passed = N/A

Total number of tests to be conducted = 01

Total No of applicable Tests = 01

No. of tests for which the sample passed = 01

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.



(Approving Authority)

YAD RAM
Technical Manager



TEST REPORT

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Tests relating to General Requirements

EL 2119_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
P	Annex P, NORMATIVE REFERENCES	EL 2119-00		N/A

*Total number of Requirements to be observed / inspected = 00

Total No of applicable Requirement = 00

No of Requirements for which the sample passed = N/A

Total number of tests to be conducted = 01

Total No of applicable Tests = 00

No. of tests for which the sample passed = N/A

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.



(Approving Authority)

YAD RAM
 Technical Manager



TEST REPORT

Report No. **ATCC2/16112909** A2 : 2015 for IS 13252 (Part 1): 2010 + A1: 2013 / Page 29 of 36
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Tests relating to General Requirements

EL 2120_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
Q	ANNEX Q, Voltage dependent resistors (VDRs) (see 1.5.9.1)	EL 2120-00	Certified adapter used	P
	a) Preferred climatic categories		See above Q	P
	b) Maximum continuous voltage:		See above Q	P
	c) Combined pulse :		See above Q	P
	d) Body of the VDR complies with V-1 CLASS MATERIAL : *	EL 2120-01	See above Q	P
	e) Needle flame test according to IEC 60695-11-5 [Note: This test is not required if VDR complies with V-1 CLASS MATERIAL]	EL 2120-02	See above Q	P

*Total number of Requirements to be observed / inspected = 01

Total No of applicable Requirement = 01

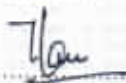
No of Requirements for which the sample passed = 01

Total number of tests to be conducted = 02

Total No of applicable Tests = 02

No. of tests for which the sample passed = 02

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.



(Approving Authority)

YAD RAM
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TEST REPORT

Report No. ATCC2/16112909	A2 : 2015 for IS 13252 (Part 1): 2010 + A1: 2013 /	Page 30 of 36
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Tests relating to Wiring

EL 2121_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
U	ANNEX U, INSULATED WINDING WIRES FOR USE WITHOUT INTERLEAVED INSULATION (see 2.10.5.4)	EL 2121-00		N/A

*Total number of Requirements to be observed / inspected = 00

Total No of applicable Requirement = 00

No of Requirements for which the sample passed = N/A

Total number of tests to be conducted = 01

Total No of applicable Tests = 00

No. of tests for which the sample passed = N/A

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.



(Approving Authority)

YAD RAM
Technical Manager



TEST REPORT

Report No. ATCC2/16112909	A2 : 2015 for IS 13252 (Part 1): 2010 + A1: 2013 /	Page 31 of 36
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Tests relating to Radiation Safety

EL 2122_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
Y	ANNEX Y, ULTRAVIOLET LIGHT CONDITIONING TEST (see 4.3.13.3)	EL 2122-00	No ultraviolet light	N/A
Y.1	Test apparatus	EL 2122-01	See above Y	N/A

*Total number of Requirements to be observed / inspected = 00

Total No of applicable Requirement = 00

No of Requirements for which the sample passed = N/A

Total number of tests to be conducted = 02

Total No of applicable Tests = 00

No. of tests for which the sample passed = N/A

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.



(Approving Authority)

YAD RAM
Technical Manager



TEST REPORT

Report No. ATCC2/16112909	A2 : 2015 for IS 13252 (Part 1): 2010 + A1: 2013 /	Page 32 of 36
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Tests relating to Electrical Safety

EL 2123_A2- V1.0

Cl. No.	Test / Requirement name	Test Code	Test result/ observation	Verdict
CC.1	integrated circuit (IC) current limiters*		No integrated circuit (IC) as current limiters used	N/A
CC.2	Test program 1	EL 2123-00	See above CC.1	N/A
CC.3	Test program 2	EL 2123-01	See above CC.1	N/A
CC.4	Test program 3	EL 2123-02	See above CC.1	N/A
CC.5	Compliance	EL 2123-03	See above CC.1	N/A

*Total number of Requirements to be observed / inspected = 01

Total No of applicable Requirement = 00

No of Requirements for which the sample passed = N/A

Total number of tests to be conducted = 04

Total No of applicable Tests = 00

No. of tests for which the sample passed = N/A

Certificate: It is certified that the above tests were performed and found to be passing/ failing in the requirement tested.



(Approving Authority)

YAD RAM
Technical Manager



TEST REPORT

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1.5.1 TABLE: List of components						P
Object/part no.	Manufacturer/ trademark	Type/model	Technical data	Standard	Mark(s) of conformity ¹	
Switching Adapter	HENZHEN SOY TECHNOLOGY CO.LTD.	SOY-0500200IN	Input: 90-270V~, 50-60Hz, 0.2A MAX Output: 5.0Vdc, 2.0A	IS 13252(Part- 1): 2010	BIS R-41020370	
PCB	DONGGUAN CITY XINRAN ELECTRONIC CO LTD	XR-F003	130°C, V-0	UL 796 (No equivalent to IEC standard)	UL E330704	
Enclosure	ZHEN JIANG CHI MEI CHEMICAL CO LTD	D-1200	ABS, HB or above	UL 94 (Equivalent to IEC 60695-11- 10)	UL E194560	

Supplementary information:
¹ Evidences provided by the manufacturer for the listed components are verified by us and the evidences are conforming to the requirements of the relevant standard.

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2.2.3	TABLE: SELV measurement (under fault conditions)	P
Location	Voltage (max.) (V)	Comments
--	--	--
Supplementary information: Certified adapter used		

4.3.8	TABLE: Batteries	N/A							
The tests of 4.3.8 are applicable only when appropriate battery data is not available		N/A							
Is it possible to install the battery in a reverse polarity position?		N/A							
	Non-rechargeable batteries			Rechargeable batteries					
	Discharging		Un-intentional charging	Charging		Discharging		Reversed charging	
	Meas. current	Manuf. Specs.		Meas. current	Manuf. Specs.	Meas. current	Manuf. Specs.	Meas. current	Manuf. Specs.
Max current during normal condition	--	--	--	--	--	--	--	--	--
Max. current during fault condition	--	--	--	--	--	--	--	--	--
Test results:									
- Chemical leaks								Verdict	
- Explosion of the battery								--	
- Emission of flame or expulsion of molten metal								--	
- Electric strength tests of equipment after completion of tests								--	
Supplementary information: Battery not used									

5.2	TABLE: Electric strength tests, impulse tests and voltage surge tests	N/A	
Test voltage applied between:	Voltage shape (AC, DC, impulse, surge)	Test voltage (V)	Breakdown Yes / No
Functional:	--	--	--
Basic / supplementary:	--	--	--
Reinforced:	--	--	--
Supplementary information : Class III equipment			

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Attachment No. 1

India plug test report

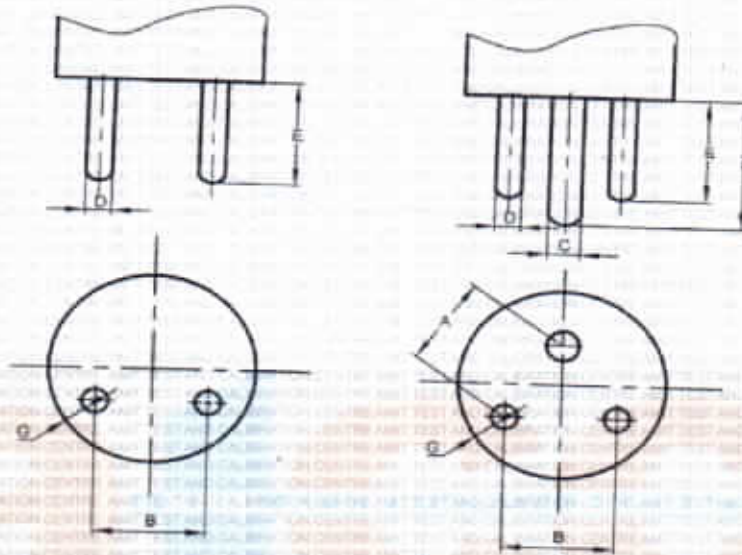


Table 1 : Plug Dimensions

Reference points	Type of Plug: Two pin [X] Three pin []		Ratings			
	2.5A[X]		10A []		16A []	
	Limits	Measured	Limits	Measured	Limits	Measured
A	---	---	22.05-22.35	--	28.45-28.75	--
B	18.95-19.25	18.96	18.95-19.25	--	25.25-25.55	--
C	---	---	7.01-7.085	--	8.66-8.735	--
D	5.03-5.105	5.06	5.03-5.105	--	7.01-7.085	--
E	15.77-16.94	16.27	15.77-16.94	--	20.47-21.64	--
F	---	---	20.47-21.64	--	28.47-29.64	--
G	7.94 (min.)	10.54	7.94 (min.)	--	9.52 (min.)	--

Supplementary information: Above dimensional limits are as per IS 1293:2005 in mm

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TEST REPORT

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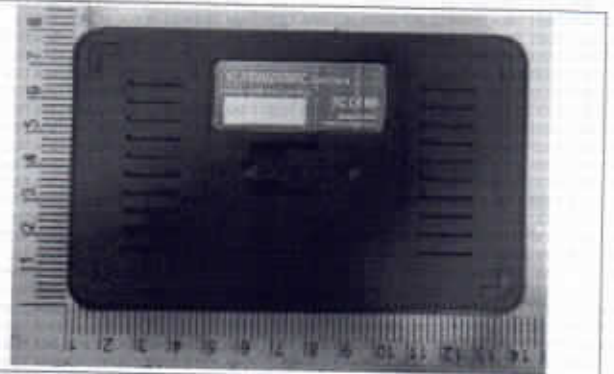
Dated: 20/12/2016

A2 : 2013 for IEC 60950-1: 2005 + A1: 2009

PHOTOGRAPHS



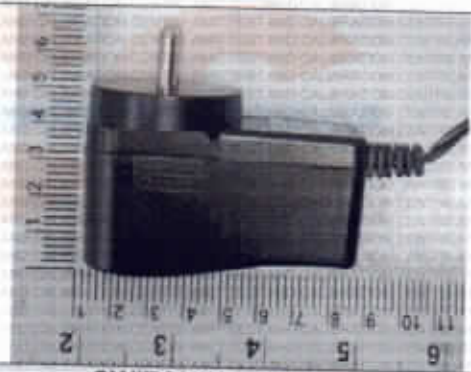
TOP VIEW 1



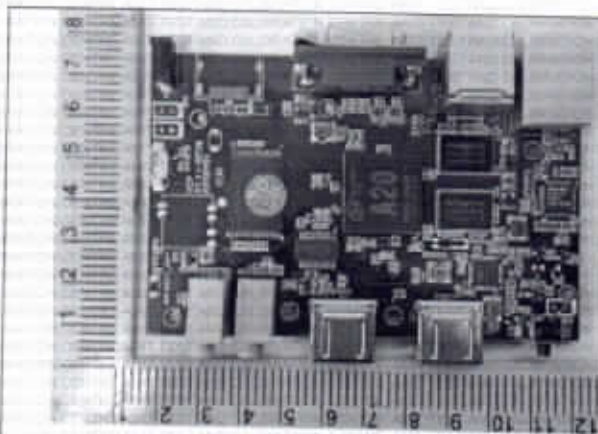
BOTTOM VIEW



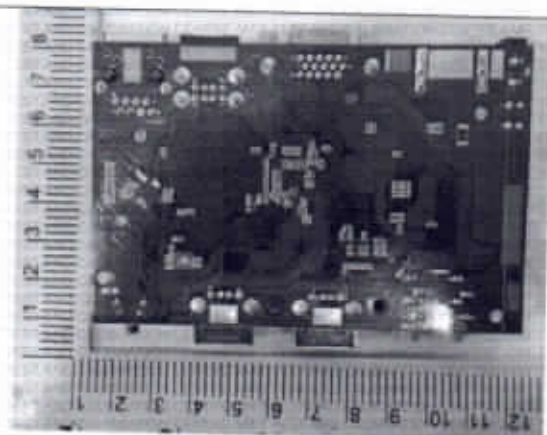
PORT VIEW



SWITCHING ADAPTER



PCB VIEW 1



PCB VIEW 2

****END OF TEST REPORT****

