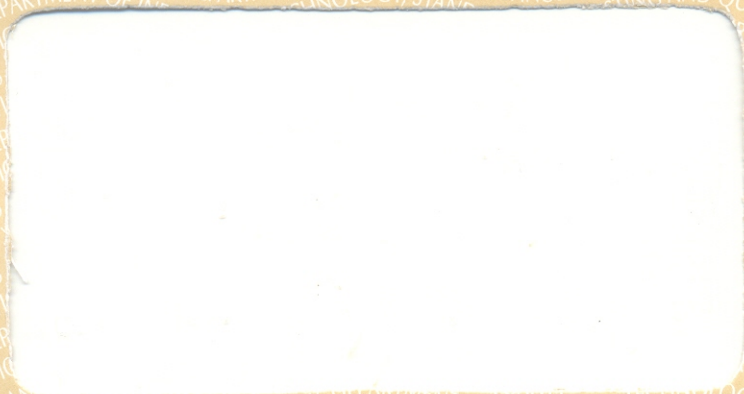




TEST REPORT



Government of India
 Ministry of Communications and Information Technology
 Department of Information Technology
 Standardisation Testing and Quality Certification Directorate
ELECTRONICS REGIONAL TEST LABORATORY (EAST)
 Block DN, Sector V, Salt Lake, Kolkata 700 091
 INDIA

Government of India
Ministry of Communications and Information Technology
Department of Information Technology, Standardisation Testing & Quality Certification Directorate
ELECTRONICS REGIONAL TEST LABORATORY (EAST)

TEST REPORT ON : PANEL

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- 1.0 SCOPE :
- 1.1 Service Request No.: TE/0087/06-07
- 1.2 Test Report No. : ERTL(E)/TES/I201/0051/06-07
Date : 13/07/2007
- 1.3 Requested by : ISHAANI ELECTRONICS PVT. LTD
(Name & Address of PLOT:Y-22,SECTOR-V
of the organisation) BLOCK-EP
KOLKATA 700 091
WB
- 1.4 Description , i) Item : PANEL
Identification ii) Make : ISHAANI ELECTRONICS PVT
of the item iii) Model : -
to be tested iv) Sl.No. : 002
v) Qty. : 1
- 1.4.1 Applicable Spec.of the item(s) tested:
DRG. REF: IEPL/002/2K7-2K8
- 1.4.2 Characterisation and (i) Characterisation : Not applicable /
condition of the item (ii) Condition : Satisfactory /
- 1.5 Date of item received : 25/06/2007
- 1.6 Date of completion of : 12/07/2007
testing
- 1.7 Location where testing : In house
performed
- 1.8 Ambient condition during : 25 +/- 1.5 Deg.
measurement 70% RH. Max.
- 1.9 Spec. used for testing : AS PER IS:13947
- 1.9.1 Details of non-standard : NIL
method followed (if any)



T 002

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TEST REPORT NO : ERTL (E) / TES / I201 / 0051/06 - 07

REPORT ON : PANEL .

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TEST RESULT :

Sl. No.	Test of Environment	Clause No.	Quantity		Specifications Limit	Test Result	Notes
			Tested	Failed			
1.	Insulation Resistance Test: At 1000 volt DC between live terminals shorted & body	Customer's spec.	1	-	Not specified	IR > 1000 meg ohm	
2.	IP 4X Test: <u>Protected against solid foreign objects:</u> Straight rigid steel wire: 1 mm. diameter. Applied force : 1N.	IS13947 Part I Table C1 Cl. C7.5	1	0	The wire cannot enter the enclosure.	Complied	
3.	Insulation Resistance Test: At 1000 volt DC between live terminals shorted & body	Customer's spec.	1	-	Not specified	IR > 1000 meg ohm	
4.	IP X2 Test: Protection against dripping water when tilted 15°: Duration : 10 minutes (2.5 minutes in each of four fixed position of tilt).	IS13947 Part I Table CII Cl. C8.2	1	0	Amount of water if entered inside the enclosure shall not interfere with satisfactory operation of the equipment.	Small amount of water entered inside the enclosure.	
5.	Insulation Resistance Test: At 1000 volt DC between live terminals shorted & body	Customer's spec.	1	-	Not specified	IR . >1000 meg ohm	
6.	Drawing Verification	Customer's spec.	1	0	Sample tested above should be as per drawing submitted.	Major dimensions of Drawing no.IEPL/002/ 2K7-2K8 of ISHANI ELECTRONICS PRIVATE LIMITED verified.	Verified drawing attached with test report.


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ELECTRONICS REGIONAL TEST LABORATORY (EAST)

TEST REPORT ON : PANEL
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Test Report No. : ERTL(E)/TES/I201/0051/06-07
Date : 13/07/2007

3.0 Major Equipment used				
EQPT_NO	NAME	MAKE	MODEL	CAL. VALID UPTO
~~~~~	~~~~~	~~~~	~~~~~	~~~~~
1165	EAC/DC HIGHPOT TESTER	QUADTECH	SENTRY-3	25/03/2008

4.0 Remarks ( if any )  
NIL.



Released by  
(signature & date )

*S. Mitra*  
13/07/2007  
**S. MITRA**  
**SCIENTIST**  
Electronics Regional Test Lab (E)  
Kolkata



## ACCREDITATIONS

### INTERNATIONAL

- ▶ Independent Test Laboratory under IECQ System of International Electrotechnical Commission
- ▶ Approved test laboratory (CBTL) for safety under IECEE-CB Scheme
- ▶ FCC (Federal Communications Commission) USA approved Open Area Test Site (10 meters) for EMI/EMC testing
- ▶ Recognised laboratory of Saudi Arabia Standards Organisations (SASO)

### NATIONAL

- ▶ Approved Laboratory under National Accreditation Board for Testing and Calibration Laboratories (NABL) for Testing and Calibration
- ▶ Approved flameproof and intrinsic safety testing laboratory of
  - Directorate General of Mines Safety
  - Chief Controller of Explosives
  - Directorate General Factory Advice Service and Labour Institutes
- ▶ Approved laboratory for testing of Solar Photovoltaic products by Ministry of Non-conventional Energy Sources, Govt. of India.
- ▶ Approved laboratory of Bureau of Indian Standards in specific fields