



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	REACT LABORATORIES, 3411, 3RD FLOOR, SERVICE ROAD, BENGALURU, KARNATAKA, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2005		
<b>Certificate Number</b>	TC-8039	<b>Page No</b>	1 of 33
<b>Validity</b>	19/10/2018 to 18/10/2020	<b>Last Amended on</b>	13/04/2020

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Permanent Facility				
1	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Antenna coaxial sockets - Endurance test	IEC 60065: 2014 IS 616:2017 (Clause 12.5)
2	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Bump Test	IEC 60065: 2014 IS 616:2017 (Clause 12.1.2)
3	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Constructional requirements with regard to the protection against electric shock - Force Test	IEC 60065: 2014 IS 616:2017 (Clause 8.12, 8.13)
4	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Electrical shock hazard under normal operating condition - Resistance to external forces	IEC 60065: 2014 IS 616:2017 (Clause 9.1.7)
5	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Electrical Shock hazard under normal operating conditions - Determination of accessible parts	IEC 60065: 2014 IS 616:2017 (Clause 9.1.1.3)
6	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Fault Conditions	IEC 60065: 2014 IS 616:2017 (Clause 4.3)
7	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Terminals for external flexible cords and for permanent connection to the mains supply	IEC 60065: 2014 IS 616:2017 (Clause 15.3.5, 15.3.6,15.3.7)
8	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Wall or ceiling mounted equipment	IEC 60065: 2014 IS 616:2017 (Clause 19.7)
9	ELECTRONICS- AUDIO EQUIPMENT	Audio Equipment	Clause No: 10.2 - Surge test	IEC 60065
10	ELECTRONICS- AUDIO EQUIPMENT	Audio Equipment	Clause No: 10.2 - Surge Test	IS 616
11	ELECTRONICS- AUDIO EQUIPMENT	Audio Equipment	Clause No: 12.7.3.6 - Crush Test	IS 616
12	ELECTRONICS- AUDIO EQUIPMENT	Audio Equipment	Clause No: 8.21 - Mandrel Test	IEC 60065



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13	ELECTRONICS- AUDIO EQUIPMENT	Audio Equipment	Clause No:12.7.3.6 - Crush Test	IEC 60065
14	ELECTRONICS- AUDIO EQUIPMENT	Audio Equipment	Clause No:15.4 - Devices forming a part of mains plug	IEC 60065
15	ELECTRONICS- AUDIO EQUIPMENT	Audio Equipment	Clause No:15.4 - Devices forming a part of mains plug	IS 616
16	ELECTRONICS- AUDIO EQUIPMENT	Audio Equipment	Clause No:8.21 - Mandrel Test	IS 616
17	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Antenna Coaxial socket - Impact test	IEC 60065: 2014 IS 616:2017 (Clause 12.5)
18	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Antenna Coaxial socket - Torque test	IEC 60065: 2014 IS 616:2017 (Clause 12.5)
19	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Clearances	IEC 60065: 2014 IS 616:2017 (Clause13.1, 13.2)
20	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Clearances and creepage Distances - Determination of working voltages	IEC 60065: 2014 IS 616:2017 (Clause13.1, 13.2)
21	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Constructional requirements with regard to the protection against electric shock	IEC 60065: 2014 IS 616:2017 (Clause 8.1,8.7,8.15, 8.16, 8.18,8.19,8.20)
22	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Constructional requirements with regard to the protection against electric shock - Test on insulating material	IEC 60065: 2014 IS 616:2017 (Clause 8.3)
23	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Creepage Distances	IEC 60065: 2014 IS 616:2017 (Clause13.4)
24	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Drop Test	IEC 60065: 2014 IS 616:2017 (Clause 12.1.5, 12.7.3.4)
25	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Electrical connections and mechanical fixings	IEC 60065: 2014 IS 616:2017 (Clause 17)



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26	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Electrical shock hazard under normal operating condition - Openings of the enclosure	IEC 60065: 2014 IS 616:2017 (Clause 9.1.3)
27	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Electrical shock hazard under normal operating condition - Pre-set conditions	IEC 60065: 2014 IS 616:2017 (Clause 9.1.4)
28	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Electrical shock hazard under normal operating condition - Terminals	IEC 60065: 2014 IS 616:2017 (Clause 9.1.4)
29	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Electrical shock hazard under normal operating condition - Withdrawal of MAINS plug	IEC 60065: 2014 IS 616:2017 (Clause 9.1.6)
30	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Electrical Shock hazard under normal operating conditions - Determination of hazardous live parts	IEC 60065: 2014 IS 616:2017 (Clause 9.1.1.1, 9.1.1.2, 9.1.2, 9.2)
31	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	External flexible cords	IEC 60065: 2014 IS 616:2017 (Clause 16.2)
32	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	External flexible cords	IEC 60065: 2014 IS 616:2017 (Clause 16.4)
33	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Fault Condition - Electric Shock Hazard	IEC 60065: 2014 IS 616:2017 (Clause 11.1)
34	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Heating under normal operating conditions	IEC 60065: 2014 IS 616:2017 (Clause 7)
35	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Humidity Treatment	IEC 60065: 2014 IS 616:2017 (Clause 10.3)
36	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Impact Test	IEC 60065: 2014 IS 616:2017 (Clause 12.1.4, 12.7.3.5)
37	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Insulation resistance and Dielectric strength test	IEC 60065: 2014 IS 616:2017 (Clause 10.4)
38	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Marking and Instructions - General requirements	IEC 60065: 2014 IS 616:2017 (Clause 5.1)





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39	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Marking and Instructions - Identification and supply ratings	IEC 60065: 2014 IS 616:2017 (Clause 5.2 (g) & (h))
40	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Measurement of Transient Voltages	IEC 60065: 2014 IS 616:2017 (Clause 13.3.4)
41	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Provision for protective earthing	IEC 60065: 2014 IS 616:2017 (Clause 15.2)
42	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Push pull tests	IEC 60065: 2014 IS 616:2017 (Clause 12.2, 12.4, 12.6.2, 15.3.2, 17.9, 19.3, 19.7)
43	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Stability and Mechanical hazards - Test at 100 to horizontal	IEC 60065: 2014 IS 616:2017 (Clause 19.1, 19.2)
44	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Stability and Mechanical hazards - Vertical Force test & Horizontal test	IEC 60065: 2014 IS 616:2017 (Clause 19.3, 19.4)
45	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Stress Relief Test	IEC 60065: 2014 IS 616:2017 (Clause 12.1.6, 12.7.3.2)
46	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronic apparatus	Telescoping or rod antennas	IEC 60065: 2014 IS 616:2017 (Clause 12.6.1, 12.6.2)
47	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and similar electronics apparatus	Fault condition- Heating	IEC 60065: 2015, IS 616: 2017 (Clause 7)
48	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video and Similar electronics apparatus	Heating under normal operating conditions	IEC 60065: 2014, IS 616:2017 (Clause 7)
49	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Electro-mechanical Sub - Assemblies	Ingress Protection, 1st characteristic numeral IP1X	IEC 60529, IEC 60950- 22: 2013
50	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Electro-mechanical Sub - Assemblies	Ingress Protection, 1st characteristic numeral IP2X	IEC 60529, IEC 60950- 22: 2013
51	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Electro-mechanical Sub - Assemblies	Ingress Protection, 1st characteristic numeral IP3X	IEC 60529, IEC 60950- 22: 2013
52	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Electro-mechanical Sub - Assemblies	Ingress Protection, 1st characteristic numeral IP4X	IEC 60529, IEC 60950- 22: 2013



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53	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Electro-mechanical Sub - Assemblies	Ingress Protection, 1st characteristic numeral IP5X	IEC 60529, IEC 60950- 22: 2013, QM 333, JSS 55555
54	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Electro-mechanical Sub - Assemblies	Ingress Protection, 1st characteristic numeral IP6X	IEC 60529, IEC 60950- 22: 2013, QM 333, JSS 55555
55	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Electro-mechanical Sub - Assemblies	Ingress Protection, 2nd characteristic numeral IPX1	IEC 60529, IEC 60950- 22: 2013
56	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Electro-mechanical Sub - Assemblies	Ingress Protection, 2nd characteristic numeral IPX2	IEC 60529, IEC 60950- 22: 2013
57	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Electro-mechanical Sub - Assemblies	Ingress Protection, 2nd characteristic numeral IPX3	IEC 60529, IEC 60950- 22: 2013
58	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Electro-mechanical Sub - Assemblies	Ingress Protection, 2nd characteristic numeral IPX4	IEC 60529, IEC 60950- 22: 2013
59	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Electro-mechanical Sub - Assemblies	Ingress Protection, 2nd characteristic numeral IPX5	IEC 60529, IEC 60950- 22: 2013
60	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Electro-mechanical Sub - Assemblies	Ingress Protection, 2nd characteristic numeral IPX6	IEC 60529, IEC 60950- 22: 2013
61	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Electro-mechanical Sub - Assemblies	Ingress Protection, 2nd characteristic numeral IPX7	IEC 60529, IEC 60950- 22: 2013
62	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Electro-mechanical Sub - Assemblies	Damp heat cyclic	IEC 60068-2-30:2001, IS 9000 (Part 5/Sec 1&2) - 1981 (RA2016), QM 333 Issue-2:2010 Test No.: 3 JSS 55555:2000 Revision 2 Test 27
63	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics and Electro-mechanical Sub - Assemblies	Damp Heat steady state	IEC 60068-2-78:2001 IS 9000 (Part 4):2008 (RA2018), QM 333 Issue-2:2010 Test No.:5 JSS 55555:2000 Revision 2 Test 10





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64	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electronic & Electrical equipments, Sub-assemblies	Change of temperature	IEC 60068-2-14:2009 CL.4,5,6,7,8 IS 9000 (Part 14/Sec 1 to 3):1988 (RA2018), QM 333 Issue-2:2010 Test No.4, JSS 55555:2000 Revision 2 Test 22: 2016
65	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electronic & Electrical equipments, Sub-assemblies	Cold (Low Temperature)	IEC 60068-2-1:2007, IS 9000 (Part 2/Sec 1 to 4):1977 (RA2016), QM 333 Issue-2:2010 Test No.:1, JSS 55555:2000 Revision 2 Test 20
66	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electronic & Electrical equipments, Sub-assemblies	Dry Heat (High Temperature)	IEC 60068-2-2:2007, IS 9000 (Part 3/Sec 1 to 5):1977 (RA2016) QM 333 Issue-2:2010 Test No.:2, JSS 55555:2000 Revision 2 Test 17
67	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Electric strength	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2:2013/Clause 5.2, 2.1.1.6,2.3.2,2.3.4, 2.10.5,3.1.4,6.1.2, 6.2.2.2
68	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Impact Test	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.4.2.5/
69	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Inspection of Adjustable Controls	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.4.3.3/
70	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Touch current and protective conductor current	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Clause 5.1/
71	ELECTRONICS- IT EQUIPMENT	Information Technology equipment	Limited current circuits measurement test	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.2.4/



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72	ELECTRONICS- IT EQUIPMENT	Information Technology equipment	Test for operating voltages generated externally	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.2.3.5/
73	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Abnormal operating and fault conditions	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.5.3/
74	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Abnormal operating and fault conditions	IS 13252 Part 1: 2010 A 1: 2013 + A 2 :2015/ UL 60950-1:2017/ CSA C22.c No. 60950-1-07/ IEC 60950-1:2005 & A1:2009 + A2:2013/ Cl. No. 5.3/:
75	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Access to ELV wiring	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.2.1.1.3/..
76	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Access to energized parts	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Clause 2.1.1.1, 2.8.2, 2.8.3, 4.2/
77	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	b. Transients from Telecommunication network	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2:2013/Cl.no.2.10.3.9/
78	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Clearances	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.2.10.3/
79	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Creepage and clearance measurement for Securing of parts	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.4.3.4/
80	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Creepage distances	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.2.10.4/





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81	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Determination of working voltage	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.2.10.2/
82	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Discharge of capacitors in equipments	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.2.1.1.7/
83	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Drop test	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.4.2.6/
84	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Energy hazard measurement test	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Clause 2.1.1.5,2.1.1.8, 2.1.2,2.1.3/
85	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Force test for Handles and manual control	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.4.3.2/
86	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Force test for Wall or ceiling mounted equipment	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.4.2.10/
87	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Humidity conditioning	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.2.9.2/
88	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Inspection of Edges and corners	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.4.3.1/
89	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Insulation between primary circuits and cable distribution systems (Voltage surge test)	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.7.4/





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90	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Limited power sources measurement test	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.2.5/
91	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Measurement of Transient Voltages (a. Transients from Mains supply)	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no. 2.10.3.9/
92	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Openings in enclosures	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Clause 4.6/
93	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Protection against hazardous moving parts	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2:2013/Cl.no.4.4
94	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Protection from hazardous voltages	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2:2013/Cl.6.1.1/
95	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Protection of equipment users from overvoltages on telecommunication networks	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Clause 6.2.2.1/
96	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Protection requirements for safety interlocks	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no. 2.8.1, 2.8.2, 2.8.3/
97	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Protective earthing conductors and protective bonding conductors	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no. 2.6.3.1, 2.6.3.2, 2.6.3.3,2.6.3.4, 2.6.3.5/
98	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Resistance to abnormal heat	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2:2013/Clause.4.5.5



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99	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	SELV Circuits measurement test	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Clause 2.2.2, 2.2.3, 2.2.4/
100	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Stability	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.4.1/
101	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Steady force test	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no. 4.2.1, 4.2.2, 4.2.2, 4.2.3, 4.2.4/
102	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Stress relief test	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Clno.4.2.7/
103	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Thermal requirements	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950- 1-07/IEC 60950-1:2005 & A1:2009 + A2:2013/Clause 4.5.1, 4.5.2, 4.5.3, 4.5.4/:
104	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Thermal requirements	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2:2013/Clause 4.5.1, 4.5.2, 4.5.3, 4.5.4/
105	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	TNV circuits limits measurement test	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.2.3.1/
106	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Torque test for Direct plug-in equipment	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.4.3.6/





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107	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Visual Inspection and Data evaluation for Batteries	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2:2013/Cl.no.4.3.8,
108	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Visual Inspection and Data evaluation for Oil and grease	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2:2013/Cl.no.4.3.9/
109	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Visual Inspection of Connection by plugs and sockets	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.4.3.5/
110	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Visual Inspection of Heating elements in earthed equipments	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.4.3.7/
111	ELECTRONICS- IT EQUIPMENT	Information Technology equipments	Wiring, connections and supplies: Cord anchorage and dimension measurement	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.3/
112	ELECTRONICS- IT EQUIPMENT	IT Equipment	Input current Measurement Test	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.no.1.6.2/
113	ELECTRONICS- IT EQUIPMENT	IT Equipment	Verification of Durability of Markings	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013
114	ELECTRONICS- IT EQUIPMENT	IT Equipment	Verification of Marking and Instructions	IS 13252 part 1 : 2010 A1:2013 + A2: 2015 / UL 60950-1:2017 / CSA C22.2 No.60950-1-07/IEC 60950-1:2005 & A1:2009 + A2: 2013/Cl.1.7.2/
115	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Construction Details - Openings	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 7.4.2)
116	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Limited Current circuits	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 5.2.3) (Clause 2.4/RD)



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117	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	(Cl.: 7, 7.2) - Protection against electric shock & Energy Hazard	IS 16221 (Part 2):2015/ IEC 62109-2: 2011(Cl.:7) IS 16221 (Part 1):2016/ IEC 62109-1 Ed. 1.0 2010-04, (Cl.:7.2)
118	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl 4.4 - Testing in single fault condition	IS 16221(Part 1):2016 IEC 62109-1: 2010 Cl.4.4
119	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 4.4.4.15.2.2 - Fault-Tolerance of Automatic Disconnecting Means	IS 16221(Part 2):2015 IEC 62109-2: 2011 (Cl. 4.4.4.15.2.2)
120	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 4.4.4.15.2.3 - Automatic Checking of the Disconnect Means	IS 16221(Part 2):2015 IEC 62109-2: 2011(Cl. 4.4.4.15.2.3)
121	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 4.4.4.16 - Standalone inverters - load transfer tests	IS 16221(Part 2):2015 IEC 62109-2: 2011 (Cl. 4.4.4.16)
122	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 4.4.4.17 - Cooling system failure - Blanketing test	IS 16221(Part 2):2015 IEC 62109-2: 2011 (Cl. 4.4.4.17)
123	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 4.7.4 - Stand-alone Inverter AC output voltage and frequency	IS 16221(Part 2):2015 IEC 62109-2: 2011
124	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 4.7.5 - Stand-alone Inverter output voltage waveform	IS 16221(Part 2):2015 IEC 62109-2: 2011
125	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 4.8.2.1 - Array insulation resistance detection for inverters for ungrounded arrays	IS 16221(Part 2):2015 IEC 62109-2: 2011
126	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 4.8.3.2 - 30 mA touch current type test for isolated inverters	IS 16221(Part 2):2015 IEC 62109-2: 2011
127	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 4.8.3.5 - Protection By application of RCD's	IS 16221(Part 2):2015 IEC 62109-2: 2011
128	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 5 - Marking and Documentation	IS 16221(Part 2):2015 IEC 62109-2: 2011





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129	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 5.1.2 - Durability of markings	IS 16221(Part 1):2016 IEC 62109-1:2010 Cl.5.1.2
130	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 5.1.3 - Identification	IS 16221(Part 1):2016 IEC 62109-1:2010 Cl.5.1.3
131	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 5.1.4 - Equipment's Ratings	IS 16221(Part 1):2016 IEC 62109-1:2010 Cl.5.1.4
132	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 7.3.6.2 - Insulation Between Live Parts and Accessible Conductive Parts	IS 16221(Part 1):2016 IEC 62109-1:2010
133	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 7.3.6.3 - Protective Class I - Protective bonding and earthing	IS 16221(Part 1):2016 IEC 62109-1:2010
134	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 7.3.6.3.7 - External Protective Earthing Conductor	IS 16221(Part 1):2016 IEC 62109-1:2010
135	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 7.3.7 - Insulation Including Clearance and Creepage distances	IS 16221(Part 1):2016 IEC 62109-1:2010
136	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 7.3.7.4 - Clearance Distances	IS 16221(Part 1):2016 IEC 62109-1:2010
137	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 7.3.7.5 - Creepage Distances	IS 16221(Part 1):2016 IEC 62109-1:2010
138	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 7.3.7.8.2 - Requirements for Electrical Withstand Capability of Solid Insulation	IS 16221(Part 1):2016 IEC 62109-1:2010
139	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 7.3.8 - Residual Current Detection (RCD) or Monitoring (RCM) device compatibility	IS 16221(Part 1):2016 IEC 62109-1:2010



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140	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 7.3.9 - Protection against shock hazard due to stored energy	IS 16221(Part 1):2016 IEC 62109-1: 2010
141	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 7.4 - Protection against energy hazards	IS 16221(Part 1):2016 IEC 62109-1: 2010
142	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 7.5.1- Impulse Voltage Test	IS 16221(Part 1):2016 IEC 62109-1: 2010
143	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 7.5.2 - Voltage Test	IS 16221(Part 1):2016 IEC 62109-1: 2010
144	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 7.5.3 - Partial Discharge test	IS 16221(Part 1):2016 IEC 62109-1: 2010
145	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 7.5.4 - Touch current measurement	IS 16221(Part 1):2016 IEC 62109-1: 2010
146	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 7.5.5 - Equipment's with multiple sources of supply	IS 16221(Part 1):2016 IEC 62109-1: 2010
147	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 8.2 - Moving Parts	IS 16221(Part 1):2016 IEC 62109-1: 2010
148	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 8.3 - Stability	IS 16221(Part 1):2016 IEC 62109-1: 2010
149	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 8.4 - Provisions for tilting and carrying	IS 16221(Part 1):2016 IEC 62109-1: 2010
150	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 8.5 - Wall Mounting	IS 16221(Part 1):2016 IEC 62109-1: 2010 Cl. 8.5
151	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 8.6 - Expelled Parts	IS 16221(Part 1):2016 IEC 62109-1: 2010





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152	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl. 9.1.1, 9.1.2, 9.1.3 - Protection against fire	IS 16221(Part 1):2016 IEC 62109-1: 2010
153	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.:11 & 12 - Protection against liquid hazards & Chemical Hazards	IS 16221 (Part 2):2015/ IEC 62109-2: 2011
154	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.:13 - Physical requirement	IS 16221 (Part 2):2015/ IEC 62109-2: 2011 (Cl.:13) IS 16221 (Part 1):2016/ IEC 62109-1 Ed. 1.0 2010-04, (Cl.: 13.1,13.2,13.3,13.4,13.5,13.6,13.7,13.8)
155	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.:8 - Protection against mechanical hazards	IS 16221 (Part 2):2015/ IEC 62109-2: 2011
156	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.:9 - Protection against Fire Hazards	IS 16221 (Part 2):2015/ IEC 62109-2: 2011
157	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.11 - Protection against liquid hazards	IS 16221(Part 1):2016 IEC 62109-1: 2010 Cl.11
158	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.12 - Chemical Hazard	IS 16221(Part 1):2016 IEC 62109-1: 2010
159	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.13.1 - Handles and Manual controls	IS 16221(Part 1):2016 IEC 62109-1: 2010
160	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.13.2 - Securing of parts	IS 16221(Part 1):2016 IEC 62109-1: 2010
161	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.13.3.2 - Connection to an a.c mains supply	IS 16221(Part 1):2016 IEC 62109-1: 2010
162	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.13.3.2.5 - Cord anchorages and strain relief	IS 16221(Part 1):2016 IEC 62109-1: 2010
163	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.13.3.3 - Wiring terminals for connection of external conductors	IS 16221(Part 1):2016 IEC 62109-1: 2010



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164	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.13.3.4 - Supply wiring space	IS 16221(Part 1):2016 IEC 62109-1:2010
165	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.13.3.6 - Disconnection from supply sources	IS 16221(Part 1):2016 IEC 62109-1:2010
166	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.13.3.7 - Connectors, Plugs and Sockets	IS 16221(Part 1):2016 IEC 62109-1:2010
167	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.13.3.8 - Direct plug-in equipment	IS 16221(Part 1):2016 IEC 62109-1:2010
168	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.13.4 - Internal wiring and connections	IS 16221(Part 1):2016 IEC 62109-1:2010
169	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.13.5 - Openings in enclosure	IS 16221(Part 1):2016 IEC 62109-1:2010
170	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.13.6.2.1 - Stress relief Test	IS 16221(Part 1):2016 IEC 62109-1:2010
171	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.13.7 - Mechanical resistance to deflection, impact, or drop	IS 16221(Part 1):2016 IEC 62109-1:2010
172	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.13.8 - Thickness requirement for metal enclosures	IS 16221(Part 1):2016 IEC 62109-1:2010
173	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.4.3 - Thermal Testing	IS 16221(Part 1):2016 IEC 62109-1:2010 Cl.4.3
174	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.4.5 - Humidity preconditioning	IS 16221(Part 1):2016 IEC 62109-1:2010 Cl.4.5
175	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.4.6 - Back-feed voltage protection	IS 16221(Part 1):2016 IEC 62109-1:2010 Cl.4.6





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176	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.4.7 - Electrical ratings tests	IS 16221(Part 1):2016 IEC 62109-1:2010 Cl.4.7
177	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.5 - Marking and Documentation	IS 16221(Part 1):2016 IEC 62109-1:2010 Cl.5
178	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.5.1.5 - Fuse Identification	IS 16221(Part 1):2016 IEC 62109-1:2010 Cl.5.1.5
179	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.5.1.6 - Terminals, Connections and controls	IS 16221(Part 1):2016 IEC 62109-1:2010
180	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.5.1.7 - Switches and Circuit breakers	IS 16221(Part 1):2016 IEC 62109-1:2010 Cl.5.1.7
181	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.5.1.8 - Class II Equipment	IS 16221(Part 1):2016 IEC 62109-1:2010 Cl.5.1.8
182	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.5.1.9 - Terminal boxes for external connections	IS 16221(Part 1):2016 IEC 62109-1:2010 Cl.5.1.9
183	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.5.2 - Warning Markings	IS 16221(Part 1):2016 IEC 62109-1:2010 Cl.5.2
184	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.5.3 - Documentation	IS 16221(Part 1):2016 IEC 62109-1:2010 Cl.5.3
185	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.6, 6.1, 6.2, 6.3 - Environmental Categories and minimum environmental conditions	IS 16221(Part 1):2016 IEC 62109-1:2010 Cl.6, 6.1, 6.2, 6.3
186	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.6, 6.1, 6.2, 6.3 - Environmental Categories and minimum environmental conditions	IS 16221(Part 2):2015 IEC 62109-2:2011



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187	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.7.2 - Protection against Electric Shock and Energy Hazards - Fault conditions	IS 16221(Part 1):2016 IEC 62109-1: 2010 Cl.7.2
188	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.7.3.2.6 - Protection against Electric Shock and Energy Hazards - Working voltage and DVC	IS 16221(Part 1):2016 IEC 62109-1: 2010 Cl.7.3.2.6
189	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.7.3.4.2.3 - Protection against Electric Shock and Energy Hazards - Access Probe tests	IS 16221(Part 1):2016 IEC 62109-1: 2010 Cl.7.3.4.2.3
190	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.7.3.4.2.4 - Protection against Electric Shock and Energy Hazards - Service access areas	IS 16221(Part 1):2016 IEC 62109-1: 2010
191	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.7.3.4.3 - Protection by means of Insulation of live parts	IS 16221(Part 1):2016 IEC 62109-1: 2010
192	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.7.3.5.3.1 - Limitation of Current Through Protective Impedance	IS 16221(Part 1):2016 IEC 62109-1: 2010
193	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.7.3.5.3.2 - Limitation of discharging energy through protective impedance	IS 16221(Part 1):2016 IEC 62109-1: 2010
194	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.9.1.4 - Openings in enclosure	IS 16221(Part 1):2016 IEC 62109-1: 2010 Cl.9.1.4
195	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.9.2 - Limited Power Sources	IS 16221(Part 1):2016 IEC 62109-1: 2010
196	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Power converters for use in Photovoltaic Power Systems	Cl.9.3 - Short-Circuit and overcurrent protection	IS 16221(Part 1):2016 IEC 62109-1: 2010 Cl.9.3





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197	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Capacity Test	BEE schedule 17: 2016/ IS 13314
198	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Cl.7.11 - Total Harmonic Distortion	BEE schedule 17: 2016/ IS 13314
199	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Cl.7.6 - High Voltage Test	BEE schedule 17: 2016/ IS 13314
200	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Cl.7.7 - Insulation resistance Test	BEE schedule 17: 2016/ IS 13314
201	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Cl.7.8,7.8.1,7.8.2 - No-Load test	BEE schedule 17: 2016/ IS 13314
202	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Cl.7.9.3 - Efficiency	BEE schedule 17: 2016/ IS 13314
203	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Power Factor	BEE schedule 17: 2016/ IS 13314
204	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Abnormal operating and fault conditions	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 8.3) (Clause 5.3/RD)
205	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	AC and d.c. power isolation	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 5.4) (Clause 3.4/RD)
206	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Backfeed Protection	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 5.1.4 and Annex I)
207	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Battery	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 4.7.20) (Clause 2.1.1.5/RD)
208	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Case insulation	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 7.6.4)
209	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Clearances, creepage distances and distances through insulation	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 5.7) (Clause 2.10/RD)
210	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Connection to Power - General provisions for connection to power	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 6.2.1) (Clause 3.2/RD)
211	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Connection to telecommunication networks	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 9) (Clause 6/RD, 3.5/RD)



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212	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Durability of markings	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 4.7.16) (Clause 1.7.11/RD)
213	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Equipment movement	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 7.4.4)
214	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	External Signaling Circuit	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 5.2.4) (Clause 3.5/RD)
215	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	General provisions for earth leakage	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 8.1) (Clause 5.1.1/RD)
216	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	High Leakage Current	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 4.7.13) (Clause 4.7.13/RD)
217	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Limited Power sources	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 5.2.5) (Clause 2.5/RD)
218	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Mechanical Strength	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 7.3) (Clause 4.2/RD)
219	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Over current and earth fault protection	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 5.5) (Clause 2.7/RD)
220	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Power Interfaces	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 4.6) (Clause 1.6.2/RD)
221	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Protection for UPS intended to be used in operator access areas	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 5.1.1) (Clause 2.1.1/RD)
222	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Protection for UPS intended to be used in restricted access areas	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 5.1.3) (Clause 2.1.1.5/RD)
223	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Protection for UPS intended to be used in service access areas	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 5.1.2) (Clause 2.1.1.5/RD)
224	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Protective bonding	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 5.3.3) (Clause 2.6/RD)
225	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Protective earthing	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 5.3.2) (Clause 2.6/RD)
226	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Protective earthing and protective bonding	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 5.3.1) (Clause 2.5/RD)





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227	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Resistance to fire	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 7.5) (Clause 4.7/RD)
228	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Safety extra low voltage circuits - SELV	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 5.2.1) (Clause 2.2/RD)
229	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Stability	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 7.2) (Clause 4.1/RD)
230	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Telephone network voltage circuits - TNV	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 5.2.2) (Clause 2.3/RD)
231	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Temperature rise	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 7.7) (Clause 4.5/RD)
232	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Verification of Markings and Instructions	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 4.7)
233	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS)	Wiring terminals for external power conductors	IEC 62040-1: 2008 IS 16242(Part 1):2014 (Clause 6.3) (Clause 3.2/RD)
234	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS / INVERTER	Clause No:5.6 - Protection of Personnel - Safety Interlocks	IS 16242 (Part 1)
235	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS / INVERTERS	Clause No:5.6 - Protection of Personnel - Safety Interlocks	IEC 62040-1
236	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS / INVERTERS	Clause No:8.2 - Electric strength	IEC 62040-1
237	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS / Inverters	Clause No:8.2 - Electric strength	IS 16242(Part 1)
238	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Utility-Interconnected Photovoltaic Inverters	Clause 6 -Test for Single or Multi-Phase Inverter	IS 16169:2014 (Clause. 6) IEC 62116:2014 (Clause. 6)
239	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Utility-Interconnected Photovoltaic Inverters	Clause 7 - Documentation	IS 16169:2014 (Clause. 7) IEC 62116:2014 (Clause. 7)
240	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 4.2) - Energy Source Classifications	IEC 62368-1 (ed 3:2018) (Clause 4.2)
241	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 4.4.3.2, Annex T3, T5) - Steady force tests	IEC 62368-1 (ed 3:2018)



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242	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 4.4.3.3, Annex T7) - Drop Tests	IEC 62368-1 (ed 3:2018)
243	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 4.4.3.4, Annex T6) - Impact test	IEC 62368-1 (ed 3:2018)
244	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 4.4.3.6, Annex T9) - Glass Impact Test	IEC 62368-1 Ed 3:2018
245	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 4.4.3.7, Annex T9) - Glass fixation test	IEC 62368-1 ed 3:2018
246	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 4.4.3.8, Annex T8) - Thermoplastic material test	IEC 62368-1 ed 3:2018
247	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 4.4.3.9, Annex T) - Air comprising a safeguard	IEC 62368-1 ed 3:2018
248	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 4.4.5, Annex K) - Safety Interlocks	IEC 62368-1 ed 3:2018
249	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 4.6) - Fixing of Conductors	IEC 62368-1 (ed 3:2018)
250	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 4.7) - Equipment for direct insertion in to mains socket-outlets	IEC 62368-1 (ed 3:2018)
251	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 4.8.4.6) - Crush test	IEC 62368-1(ed 3:2018)
252	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 4.8.5) - Compliance criteria (Force test)	IEC 62368-1 (ed 3:2018)





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253	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 5.4.10.1) - Safeguards against transient voltages from external circuits (Requirements)	IEC 62368-1 (ed 3:2018)
254	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 5.4.10.2.2) - Impulse test	IEC 62368-1 (ed 3:2018)
255	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 5.4.10.2.3) - Steady-state test (electric strength test)	IEC 62368-1 (ed 3:2018)
256	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 5.4.10.3) - Compliance criteria (IR tester)	IEC 62368-1 (ed 3:2018)
257	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 5.4.4.5) - Insulating compound forming cemented joints	IEC 62368-1 (ed 3:2018)
258	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 5.4.4.6.1, 5.4.4.6.2, 5.4.4.6.3, 5.4.4.6.4) - Thin sheet material	IEC 62368-1 (ed 3:2018)
259	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 5.4.4.6.5) - Mandrel test	IEC 62368-1 (ed 3:2018)
260	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 5.4.4.7) -Solid insulation in wound components	IEC 62368-1 (ed 3:2018)
261	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 5.4.4.8) - Compliance criteria	IEC 62368-1 (ed 3:2018)
262	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 5.4.5.2) - Antenna Terminal Insulation- Test Method	IEC 62368-1 (ed 3:2018)
263	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 5.4.6) - Insulation of internal wire	IEC 62368-1 (ed 3:2018)



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264	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 5.4.8) - Humidity conditioning	IEC 62368-1 (ed 3:2018)
265	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 5.5) - Components as safeguard	IEC 62368-1 (ed 3:2018)
266	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 5.6.3) - Requirements for Protective earthing conductors	IEC 62368-1 (ed 3:2018)
267	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 5.6.5) - Terminals for protective conductors	IEC 62368-1 (ed 3:2018)
268	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 5.6.6) - Resistance of the Protective Bonding System (Earth bond test)	IEC 62368-1 (ed 3:2018)
269	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 5.6.7) - Reliable connection of a protective earthing conductor	IEC 62368-1 (ed 3:2018)
270	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(Clause 8.12 & Annex T.11) - Telescoping or rod antennas	IEC 62368-1 (ed 3:2018)
271	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(clause no. 4.8.4.2) - Stress relief test	IEC 62368-1 (ed 3:2018)
272	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(clause no. 4.8.4.3) - Battery replacement test	IEC 62368-1 (ed 3:2018)
273	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(clause no. 4.8.4.4) - Drop test	IEC 62368-1 (ed 3:2018)
274	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	(clause no. 4.8.4.5) - Impact test	IEC 62368-1 (ed 3:2018)





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275	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex F - Equipment markings, instructions, and instructional safeguards	IEC 62368-1 (ed 3:2018)
276	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex B.2.5 - Input test	IEC 62368-1 (ed 3:2018)
277	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex B.3 - Simulated abnormal operating conditions	IEC 62368-1 (ed 3:2018)
278	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex B.4 - Simulated single fault conditions	IEC 62368-1 (ed 3:2018)
279	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex D - Test Generator	IEC 62368-1 (ed 3:2018)
280	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex G.5.3 - Transformers	IEC 62368-1 (ed 3:2018)
281	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex G.5.4 - Motors	IEC 62368-1 (ed 3:2018)
282	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex G.7.2 - Main supply cords (Cross sectional area)	IEC 62368-1 (ed 3:2018)
283	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex G.7.3 - Cord anchorages and strain relief for non detachable power supply cords	IEC 62368-1 (ed 3:2018)
284	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex G.7.4 - Cord entry	IEC 62368-1 (ed 3:2018)
285	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex G.7.5 - Non-detachable cord bend protection	IEC 62368-1 (ed 3:2018)



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286	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex G.7.6.1 - Supply wiring spaces	IEC 62368-1 (ed 3:2018)
287	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex H - Criteria for telephone ringing signals (TNV circuit test)	IEC 62368-1 (ed 3:2018)
288	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex K - Safety interlocks	IEC 62368-1 (ed 3:2018)
289	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex L - Disconnect devices	IEC 62368-1 (ed 3:2018)
290	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex P - Safeguards against conductive objects	IEC 62368-1 (ed 3:2018)
291	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex Q - Circuits intended for interconnection with building wiring	IEC 62368-1 (ed 3:2018)
292	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex T.1,T.2,T.3,T.4 & T5 - Mechanical strength tests	IEC 62368-1 (ed 3:2018)
293	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex T.10 - Glass fragmentation test	IEC 62368-1 (ed 3:2018)
294	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex T.6 & T.9 - Enclosure impact test	IEC 62368-1 (ed 3:2018)
295	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex T.7 - Drop test	IEC 62368-1 (ed 3:2018)
296	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex T.8 - Stress relief test	IEC 62368-1 (ed 3:2018)
297	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Annex V - Determination of accessible parts	IEC 62368-1 (ed 3:2018)





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298	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause - 8.5.4: Special Categories of equipment containing moving parts	IEC 62368-1
299	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 4.1.3 - Equipment design and construction	IEC 62368-1 ed 3:2018
300	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 4.3 - Protection Against Energy Sources	IEC 62368-1 (ed 3:2018)
301	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 4.4.3.10, Annex T10 - Compliance criteria	IEC 62368-1 ed 3:2018
302	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 4.4.3.5, Annex T3 - Internal accessible safeguard test	IEC 62368-1 ed 3:2018
303	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 4.5, Annex M - Explosion	IEC 62368-1 ed 3:2018
304	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.3.2.1 - Accessibility to electrical energy sources and safeguards-Requirements	IEC 62368-1 (ed 3:2018)
305	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.3.2.2 - Contact requirements	IEC 62368-1 (ed 3:2018)
306	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.3.2.3 - Compliance criteria	IEC 62368-1 (ed 3:2018)
307	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.3.2.4 - Terminals for connecting stripped wire	IEC 62368-1 (ed 3:2018)
308	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.4.1.10.3 - Ball pressure test	IEC 62368-1 (ed 3:2018)



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309	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.4.1.3 - Compliance criteria (humidity treatment)	IEC 62368-1 (ed 3:2018)
310	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.4.1.4 - Maximum operating temperature (Temperature measurement)	IEC 62368-1 (ed 3:2018)
311	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.4.1.6 - Insulation in transformers with varying dimensions	IEC 62368-1 (ed 3:2018)
312	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.4.1.7 - Insulation in circuits generating starting pulses	IEC 62368-1 (ed 3:2018)
313	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.4.1.8 - Determination of working voltage	IEC 62368-1 (ed 3:2018)
314	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.4.2, 5.4.3 - Clearance, creepage	IEC 62368-1 (ed 3:2018)
315	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.4.4.1 - Solid insulation - General requirements	IEC 62368-1 (ed 3:2018)
316	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.4.4.2 - Minimum distance through insulation	IEC 62368-1 (ed 3:2018)
317	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.4.4.3 - Insulating compound forming solid insulation	IEC 62368-1 (ed 3:2018)
318	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.4.4.4 - Solid insulation in semiconductor devices	IEC 62368-1 (ed 3:2018)
319	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.4.5.3 - Antenna Terminal Insulation- Compliance criteria	IEC 62368-1 (ed 3:2018)





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320	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.4.7 - Tests for semiconductor components and for cemented joints	IEC 62368-1 (ed 3:2018)
321	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.4.9 - Electric strength test	IEC 62368-1 (ed 3:2018)
322	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.6.8 - Functional earthing	IEC 62368-1 (ed 3:2018)
323	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.7 - Prospective touch voltage, touch current and protective conductor current	IEC 62368-1 (ed 3:2018)
324	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 5.8 - Backfeed safeguard in battery backed up supplies	IEC 62368-1 (ed 3:2018)
325	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 6.2.2 - Power source circuit classification	IEC 62368-1 (ed 3:2018)
326	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 6.2.3 - Classification of potential ignition source	IEC 62368-1 (ed 3:2018)
327	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 6.3 - Safeguards against fire under normal operating conditions and abnormal operating conditions	IEC 62368-1 (ed 3:2018)
328	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 6.4.3 - Reduction of the likelihood of ignition under single fault conditions in PS2 circuits and PS3 circuits	IEC 62368-1 (ed 3:2018)
329	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 6.4.5 - Control of fire spread in PS2 circuits	IEC 62368-1 (ed 3:2018)



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330	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 6.4.6 - Control of fire spread in PS3 circuits	IEC 62368-1 (ed 3:2018)
331	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 6.4.7 - Separation of combustible materials from a PIS	IEC 62368-1 (ed 3:2018)
332	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 6.4.8 - Fire enclosures and fire barriers	IEC 62368-1 (ed 3:2018)
333	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 6.5 - Internal and external wiring	IEC 62368-1 (ed 3:2018)
334	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 6.6 - Safeguards against fire due to the connection of additional equipment	IEC 62368-1 (ed 3:2018)
335	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 7 - Injury caused by hazardous substances	IEC 62368-1 (ed 3:2018)
336	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 8.10.3 - Cart, stand or carrier loading test	IEC 62368-1 (ed 3:2018)
337	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 8.10.4 - Cart, stand or carrier impact test	IEC 62368-1 (ed 3:2018)
338	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 8.10.6 - Thermoplastic temperature stability	IEC 62368-1 (ed 3:2018)
339	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 8.11 - Mounting means for rack mounted equipment	IEC 62368-1 (ed 3:2018)
340	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 8.2 - Mechanical energy source classification	IEC 62368-1 (ed 3:2018)
341	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 8.4 -Safeguards Against Parts with Sharp Edges and Corners	IEC 62368-1 (ed 3:2018)





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342	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 8.5.3 - Compliance criteria (Safeguards Against moving parts)	IEC 62368-1 (ed 3:2018)
343	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 8.6.2 - Static stability	IEC 62368-1 (ed 3:2018)
344	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 8.6.3 - Relocation stability	IEC 62368-1 (ed 3:2018)
345	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 8.6.4 - Glass side test	IEC 62368-1 (ed 3:2018)
346	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 8.6.5 - Horizontal force test	IEC 62368-1 (ed 3:2018)
347	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 8.7 - Equipment mounted to a wall or ceiling	IEC 62368-1 (ed 3:2018)
348	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 8.8 - Handle strength	IEC 62368-1 (ed 3:2018)
349	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 8.9 - Wheels or casters attachment requirement	IEC 62368-1 (ed 3:2018)
350	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 9.2 - Thermal energy classification	IEC 62368-1 (ed 3:2018)
351	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 9.3 - Touch Temperature limit	IEC 62368-1 (ed 3:2018)
352	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 9.6 - Requirements for wireless power transmitters	IEC 62368-1 (ed 3:2018)



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353	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause No. 4.10.1 - Components Requirement (Disconnect device)	IEC 62368-1 (ed 3:2018)
354	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause No. 4.10.2 - Components Requirement (Switches and relays)	IEC 62368-1 (ed 3:2018)
355	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause No. 4.9 - Likelihood of fire or shock due to entry of conductive object	IEC 62368-1 (ed 3:2018)
356	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause No. 5.2 - Classification and limits of electrical energy sources	IEC 62368-1 (ed 3:2018)
357	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause No. 5.4.1.9 - Insulating surfaces	IEC 62368-1 (ed 3:2018)
358	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause No. 5.4.11 - Separation between external circuits and earth	IEC 62368-1 (ed 3:2018)
359	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause No. 5.6.4.3 - Compliance criteria (Measurement of protective bonding conductor)	IEC 62368-1 (ed 3:2018)
360	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clause 8.10.5 - Mechanical stability	IEC 62368-1 (ed 3:2018)
361	ELECTRONICS- SAFETY TESTING FACILITY	Radio Transmitting Equipment	Annex A - Creepage and Clearance distances	IEC 60215 (Edition 4):2016 Annex A IS 10437:2019 Annex A
362	ELECTRONICS- SAFETY TESTING FACILITY	Radio Transmitting Equipment	CI 5.3 - Fault conditions Tests	IEC 60215 (Edition 4):2016 CI 5.3 IS 10437:2019 CI 5.3
363	ELECTRONICS- SAFETY TESTING FACILITY	Radio Transmitting Equipment	CI 6.3.2 - Resistance To Humidity	IEC 60215 (Edition 4):2016-04 CI 6.3.2 IS 10437:2019 CI 6.3.2





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364	ELECTRONICS- SAFETY TESTING FACILITY	Radio Transmitting Equipment	Cl 6.3.3 - Resistance to Ingress of Water	IEC 60215 (Edition 4):2016 Cl 6.3.3 IS 10437:2019 Cl 6.3.3
365	ELECTRONICS- SAFETY TESTING FACILITY	Radio Transmitting Equipment	Cl 6.4 - Markings Relevant to Safety	IEC 60215 (Edition 4):2016 Cl 6.4 IS 10437:2019 Cl 6.4
366	ELECTRONICS- SAFETY TESTING FACILITY	Radio Transmitting Equipment	Cl.7.1 - Protection against Harmful electric Shock and Radio - Frequency Skin burns	IEC 60215 (Edition 4):2016 Cl.7.1 IS 10437:2019 Cl 7.1
367	ELECTRONICS- SAFETY TESTING FACILITY	Radio Transmitting Equipment	Cl.7.2 - Earthing	IEC 60215 (Edition 4):2016 Cl.7.2 IS 10437:2019 Cl 7.2
368	ELECTRONICS- SAFETY TESTING FACILITY	Radio Transmitting Equipment	Cl.7.3 - Enclosures	IEC 60215 (Edition 4):2016 Cl.7.3 IS 10437:2019 Cl 7.3
369	ELECTRONICS- SAFETY TESTING FACILITY	Radio Transmitting Equipment	Cl.7.4 - Mechanical considerations concerning safety devices	IEC 60215 (Edition 4):2016 Cl.7.4 IS 10437:2019 Cl 7.4
370	ELECTRONICS- SAFETY TESTING FACILITY	Radio Transmitting Equipment	Cl.7.5 -Wiring and termination	IEC 60215 (Edition 4):2016 Cl.7.4 IS 10437:2019 Cl 7.4
371	ELECTRONICS- SAFETY TESTING FACILITY	Radio Transmitting Equipment	Cl.7.6 - Insulation	IEC 60215 (Edition 4):2016 Cl.7.6 IS 10437:2019 Cl 7.6
372	ELECTRONICS- SAFETY TESTING FACILITY	Radio Transmitting Equipment	Cl.7.7 - Voltages at the radio-frequency output connection	IEC 60215 (Edition 4):2016 Cl.7.7 IS 10437:2019 Cl 7.7
373	ELECTRONICS- SAFETY TESTING FACILITY	Radio Transmitting Equipment	Cl.8.2 - High Temperatures	IEC 60215 (Edition 4):2016 Cl.8.2 IS 10437:2019 Cl8.2
374	ELECTRONICS- SAFETY TESTING FACILITY	Radio Transmitting Equipment	Cl.8.3 - Fire	IEC 60215 (Edition 4):2016 Cl.8.3 IS 10437:2019 Cl8.3
375	ELECTRONICS- SAFETY TESTING FACILITY	Radio Transmitting Equipment	Cl.8.4.2 - Implosion	IEC 60215 (Edition 4):2016 Cl.8.4.2 IS 10437:2019 Cl8.4.2