IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict
4.3.4	Prevention of dangerous concentration of dust, powder, liquid and gas	Equipment in intended use not considered to be exposed to these.	N
4.3.5	Fixing of knobs, grips, handles, levers		N
	Test: force (N) .....:		N
4.3.6	Driving belts/couplings shall not ensure electrical insulation	Not used for insulation.	N
4.3.7	Retaining of sleeves	No sleevings used as supplementary insulationon.	N
4.3.9	Protection of loosening parts	Electrical and mechanical connections can be expected to withstand usual mechanical stress. For the protection, solder pins, cable ties and heatshrunk tubing are used.	P
4.3.11	Resistance to oil and grease	Insulation not in contact with oil or grease.	N
4.3.12	Protection against harmful concentration of ionizing radiation, ultraviolet light, laser or flammable gases (for laser see IEC 825-1)	No ionizing radiation or laser or flammable liquids presents. The power emitted from the LED is far below LED Class 1 limit.	P
4.3.13	Securing of screwed connections	No connection likely to be exposed to mechanical stress are provided in unit.	P
4.3.15	Openings in the top of enclosure	No electric and fire enclosure required.	N
	Dimensions (mm) .....:		—
4.3.16	Openings in the sides of enclosure	No electric and fire enclosure required.	N
	Dimensions (mm) .....:		—
4.3.17	Interchangeable plugs and sockets	In operator and service area, mismate of connectors were prevented by incompatible form or location.	P
4.3.18	Torque test for direct plug-in equipment		N
	Additional torque (Nm) .....:		N
4.3.19	Protection against excessive pressure		N
4.3.20	Protection of heating elements in Class I equipment	No heating elements.	N

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict
4.3.21	Protection of lithium batteries		N
	Construction of protection circuit .....:		N
4.3.22	Ageing of barrier/screen secured with adhesive		N
	Day 1: temperature (°C); time (weeks) .....:		N
	Day 8/22/57: a) temperature (°C) for 1 h b) temperature (°C) for 4 h c) temperature (°C) over 8 h .....:		N
	Day 9/23/58: a) relative humidity (%) for 72 h b) temperature (°C) for 1 h c) temperature (°C) for 4 h d) temperature (°C) over 8 h .....:		N
4.4	Resistance to fire		P
4.4.1	Methods of achieving resistance to fire	Use of materials with the required flammability classes.	P
4.4.2	Minimizing the risk of ignition	Electrical parts are not likely to ignite nearby materials. Parts not protected against overheating under fault conditions.	P
	Printed board: manufacturer; type; flammability ....:	See 1.5.1 appended table	P
4.4.3	Flammability of materials and components	See below.	P
4.4.3.2	Material and component: manufacturer; type; flammability .....:	Internal components except small parts are V-2, HF-2 or better.	P
4.4.3.3	Exemptions .....:	Considered.	P
4.4.3.4	Wiring harnesses: manufacturer; flammability .....:	Insulating material consists of PVC.	P
4.4.3.5	Cord anchorage bushings: manufacturer; flammability .....:	No cord anchorage.	N
4.4.3.6	Air filter assemblies: manufacturer; flammability ...:	No air filter assemblies.	N

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict
4.4.4	Enclosures and decorative parts: manufacturer; flammability ..... :	As for the appliance no fire enclosure required (refer to 2.11 limited power source), the enclosure material of HB (min. HB) was acceptable.	P
4.4.5	Conditions for fire enclosures	See 4.4.5.2	P
4.4.5.1	Components which require fire enclosure: manufacturer; flammability ..... :	See 4.4.5.2.	N
4.4.5.2	Components not requiring fire enclosure ..... :	The appliance with: - supply of components in the secondary circuit by a limited power source. details refer 2.11, and the components are mounted on PCB material of flammability rating V-1 min., the fire enclosure construction is not required.	P
4.4.6	Fire enclosure construction	See 4.4.5.2.	N
4.4.7	Doors and covers in fire enclosures	No door or cover.	N
4.4.8	Flammable liquids	No flammable liquids in this unit.	N
5	THERMAL AND ELECTRICAL REQUIREMENTS		P
5.1	Heating		P
	Heating tests	(see appended table)	P
5.2	Earth leakage current	*Class III equipment.*	N
5.2.1	General		N
5.2.2	Leakage current		N
5.2.3	Single-phase equipment		N
	Test voltage (V) ..... :		—
	Measured current (mA) ..... :		—
	Max. allowed current (mA) ..... :		—
5.2.4	Three-phase equipment		N
	Test voltage (V) ..... :		—
	Measured current (mA) ..... :		—

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict
	Max. allowed current (mA) .....:		—
5.2.5	Equipment with earth leakage current exceeding 3,5 mA		N
	Test voltage (V) .....:		—
	Measured current (mA) .....:		—
	Max. allowed current (mA) .....:		—
	Cross-sectional area (mm²) of internal protective earthing conductor .....:		—
	Warning label		N

5.3	Electric strength	*Class III equipment.*	N
5.3.1	General		N
5.3.2	Test procedure		N

5.4	Abnormal operating and fault conditions		P
5.4.2	Motors	No motor.	N
5.4.3	Transformers	No safety isolation transformer except in approved adapter.	N
5.4.4	Compliance of operational insulation		P
	Method used .....:	Method c) considered. Due to The short-circuit could not cause overheating of any material creating a risk of fire.	P
5.4.5	Electromechanical components in secondary circuits	No electromechanical components.	N
5.4.6	Other components and circuits	Faults in primary and secondary components and operational insulation were already considered during the approval of the SPS adapter. No other abnormal tests necessary.	N

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict
5.4.7	Test in any expected condition and foreseeable misuse	Ventilation openings blocked test: Results see appended table, no hazards Beside this, there is no other foreseeable misuse likely to happen.	P
5.4.8	Unattended use of equipment having thermostats, temperature limiters etc.	None of them are used.	N
5.4.9	Compliance	No hazards.	P
5.4.10	Ball-pressure test of thermoplastic parts; impression shall not exceed 2 mm	None of them outside the approved power adapter.	N
6	CONNECTION TO TELECOMMUNICATION NETWORKS *Equipment is not intended be connected to TNV.*		N
6.1	General		N
6.2	TNV circuits		N
6.2.1.1	Limits of the TNV circuits		N
6.2.1.1 a)	TNV-1 circuits		N
6.2.1.1 b)	TNV-2 and TNV-3 circuits		N
6.2.1.2	Separation from other circuits and from accessible parts		N
	Voltage (V) in SELV circuits, TNV-1 circuits and accessible conductive parts in event of single insulation fault or component failure .....:		N
6.2.1.3	Operating voltages generated externally		N
	Voltage (V) in SELV circuit, TNV-1 circuit or accessible conductive part .....:		N
6.2.1.4	Separation from hazardous voltages .....:		N
	Insulation between TNV circuit and circuit at hazardous voltage		N
	Method used .....:		N
6.2.1.5	Connection of TNV circuits to other circuits		N
	Insulation (mm) between TNV circuit supplied conductively from secondary circuit and hazardous voltage circuit .....:		N

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict
6.2.2.1	Protection against contact with bare conductive parts of TNV-2 and TNV-3 circuits		N
	Test with test finger		N
	Test with test probe		N
6.2.2.2	Battery compartments		N
	Marking next to door/on door		N
6.3	Protection of telecommunication network service personnel, and users of other equipment connected to the telecommunication network, from hazards in the equipment		N
6.3.1	Protection from hazardous voltages		N
6.3.2	Use of protective earthing		N
	Language of installation instructions .....:		N
6.3.3.1	Insulation between TNV circuit and parts or circuitry that may be earthed		N
6.3.3.2	Exclusions .....:		N
6.3.4.1	Limitation of leakage current (mA) to telecommunication network .....:		N
6.3.4.2	Summation of leakage currents from telecommunication network .....:		N
6.4	Protection of equipment users from voltages on the telecommunication networks		N
6.4.1	Separation requirements		N
6.4.2	Test procedure		N
6.4.2.1	Impulse test: separation between TNV-1 circuits/TNV-3 circuits and:		N
6.4.2.1 a)	unearthed conductive parts/non-conductive parts of the equipment expected to be held or touched during normal use; test at 2,5 kV		N
6.4.2.1 b)	parts and circuitry that can be touched by the test finger except contacts of connectors that cannot be touched by test probe; test at 1,5 kV		N
6.4.2.1 c)	circuitry which is provided for connection of other equipment; test at 1,5 kV		N
6.4.2.2	Electric strength test: separation between TNV-1 circuits/TNV-3 circuits and:		N

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict
6.4.2.2 a)	unearthed conductive parts/non-conductive parts of the equipment expected to be held or touched during normal use; test at 1,5 kV		N
6.4.2.2 b)	parts and circuitry that can be touched by the test finger except contacts of connectors that cannot be touched by test probe; test at 1,0 kV		N
6.4.2.2 c)	circuitry which is provided for connection of other equipment; test at 1,0 kV		N
6.4.2.3	Compliance criteria		N
6.5	Protection of telecommunication wiring system from overheating		N
	Maximum continuous output current (A) .....:		N
A	ANNEX A, TESTS FOR RESISTANCE TO HEAT AND FIRE		N
A.1	Flammability test for fire enclosures of moveable equipment having a total mass exceeding 18 kg, and of stationary equipment		N
A.2	Flammability test for fire enclosures of moveable equipment having a total mass not exceeding 18 kg, and for materials located within fire enclosures		N
A.3	High current arcing ignition test		N
A.3.6	Number of arcs .....:		N
A.4	Hot wire ignition test		N
A.4.6	Ignition time (s) .....:		N
A.5	Hot flaming oil test		N
A.6	Flammability test for classifying materials V-0, V-1 or V-2		N
A.7	Flammability test for classifying foamed materials HF-1, HF-2 or HBF		N
A.8	Flammability test for classifying materials HB		N
A.9	Flammability test for classifying materials 5V		N
A	Tested material		N
	Preconditioning: 7 days (168 h); temperature (°C) :		—
	Mounting of samples during test .....:		—
	Wall thickness .....:		—
	Sample 1 burning time .....:		N
	Sample 2 burning time .....:		N

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict
	Sample 3 burning time ..... :		N
	Material: compliance with the requirements		N
	Manufacturer of tested material ..... :		—
	Type of tested material ..... :		—
	Additional information ..... :		—
B	ANNEX B, MOTOR TESTS UNDER ABNORMAL CONDITIONS		N
B.1	General requirements		N
	Position ..... :		—
	Manufacturer ..... :		—
	Type ..... :		—
	Rated voltage (V) or current (A) ..... :		—
B.2	Test conditions		N
B.3	Maximum temperatures		N
B.4	Running overload test		N
B.5	Locked-rotor overload test		N
	Test duration (days) ..... :		—
	Electric strength test: test voltage (V) ..... :		—
B.6	Running overload test for DC motor in secondary circuits		N
B.7	Locked-rotor overload test for DC motor in secondary circuits		N
B.7.2	Test time (h) ..... :		N
B.7.3	Test time (h) ..... :		N
B.8	Test for motors with capacitors		N
B.9	Test for three-phase motors		N
B.10	Test for series motors		N
	Test voltage (V) ..... :		—
C	ANNEX C, TRANSFORMERS		N
	Position ..... :		—
	Manufacturer ..... :		—
	Type ..... :		—

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict
	Rated values ..... :		—
	Temperatures		N
	Thermal cut-out		N
C.1	Overload test		N
	Conventional transformer		N
C.2	Insulation		N
	Precautions ..... :		N
	Retaining of end turns of all windings		N
	Earthing test at 25 A		N
C.3	Electric strength test		N

H	ANNEX H, IONIZING RADIATION		N
	Ionizing radiation		N
	Measured radiation ..... :		—
	Measured high-voltage (kV) ..... :		—
	Measured focus voltage (kV) ..... :		—
	CRT markings ..... :		—
	Certified by ..... :		—
	Standard used ..... :		—

U	ANNEX U, INSULATED WINDING WIRES FOR USE AS MULTIPLE LAYER INSULATION		N
	See separate test report		N

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

1.5.1	TABLE: list of critical components				P
object/part No.	manufacturer/ trademark	type/model	technical data	standard	mark(s) of conformity[1])
Enclosure	Various	--	HB or better	UL 94	UL
P.C.B	Various	--	Min. V-1 or better, 105°C	UL 94	UL
LCD Panel	Sanyo	MXX150222031	15" TFT	--	--
	Acer	L150X2M-1	15" TFT	--	--
	Chunghwa	CLAA150XA03	15" TFT	--	--
	Samsung	LTM150XS-T01	15" TFT	--	--
	Chi Mei	M141X101	14.1" TFT	--	--
	CHI MEI	M150X3-T05	15" TFT	--	--
	Sharp	LQ150X1DG51	15" TFT	--	--
	Sanyo	TM150XG-26L06A	15" TFT	--	--
	AU	M150XN05	15" TFT	--	--
	AU	M141X1-1	15" TFT	--	--
Power Adaptor	Delta	ADP-40TB	i/p: 100-240Vac, 50-60Hz, 1.2A, class I o/p: 12Vdc, 3.33A	IEC 60950	TÜV, UL, CSA
	Li Shin	LSE9901B1250	i/p: 100-240Vac, 50/60Hz, 1.5A, class I o/p: 12Vdc, 4.16A	IEC 60950	TÜV, CB (By Nemko), UL, CSA
	Linearity	LAD6019AB4	i/p: AC 100-240V, 50-60Hz, 1.5A, class I o/p: 12Vdc, 4.0A	IEC 60950	TÜV, CB (By TÜV Rheinland Japan Ltd.), UL, CSA
	Lien Chang	LCA01F	i/p: 100-240Vac, 50-60Hz, 1.8A, class I, LPS o/p: 12Vdc, 3.3A	IEC 60950	TÜV, CB (By TÜV Rheinland Japan Ltd.), UL, CUL
	Linearity	LAD6019AB4	i/p: AC 100-240V, 50-60Hz, 1.5A, class I, LPS o/p: 12Vdc, 3.0A	IEC 60950	TÜV, CB (By TÜV Rheinland Japan Ltd.), UL, CSA

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

	Li Shin	LSE0107A1236	i/p:100-240Vac, 50/60Hz, 1.0A, class I, LPS o/p: 12Vac, 3.0A	IEC 60950	TÜV, CB (By TÜV Rheinland Japan Ltd.), UL, CUL, N, D, FI, S
	FSP Group Inc.	FSP036-1AD101C	i/p: 100-240Vac, 50-60Hz, 1.0A, class I, LPS o/p: 12Vdc, 3.0A, 36W	IEC 60950	TÜV, CB (By TÜV Rheinland) , UL, CUL, N, D, FI, S
DC/AC Inverter	Sampo	L0051	I/P: DC 12Vdc, 0.75A O/P: 1500Vrms, 540mA max	--	--
- DC/AC inverter transformer (PT1, PT2)	Yao Sheng	RCVT-1811ID-Z-A	Class 105°C	--	--
DC/AC Inverter	Sampo	L0013	i/p: 12Vdc, 1.45A max. o/p:1875Vrms, 8.5mA max.	--	--
- DC/AC Inverter transformer (PT1, PT2)	Sampo	RCVT-20101D-Z	Class 105°C	--	--
	Yao Sheng	RCVT-20101D-Z-A	Class 105°C	--	--
- DC/AC Inverter Fuse (F1)	Littelfuse	429.002	2.0A, 63V	--	UL, CSA
	Bel	C10	2.0A, 63V	--	UL
DC/AC Inverter	Sampo	L0067	i/p: 12Vdc, 1150mA; o/p: 1700Vrms, 8.0mA max.	--	--
- DC/AC Inverter transformer (PT1, PT2)	Yao Sheng	YST-1509	Class 105°C	--	--
DC/AC Inverter (for Sanyo panel only)	Sampo	L0111	i/p: 12Vdc, 2150mA; o/p: 1700Vrms, 7.2mA max.	--	--
- DC/AC Inverter transformer (PT1, PT2)	Yao Sheng	YST-1207	Class 130°C	--	--

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

DC/AC Inverter (for Sharp panel only)	Sampo	L0110	i/p: 12Vdc, 1500mA; o/p: 1800Vrms, 6.2mA max.	--	--
- DC/AC Inverter transformer (PT1, PT2)	Yao Sheng	YST-1708	Class 130°C	--	--
DC-AC Inverter	Sampo	L0135	I/P:DC 13.2Vdc, 1500mA max. O/P: 1550Vrms, 7.6mA max.	--	--
- DC/AC inverter transformer (PT1)	Yao Sheng	YST-C910	Class 105°C	--	--
	Sampo	SA-C910	Class 105°C	--	--
DC-AC Inverter	Sampo	L0134	I/P:DC 13.2Vdc, 800mA max. O/P: 1650Vrms, 7.0mA max.	--	--
- DC/AC inverter transformer (PT1)	Yao Sheng	YST-1811	Class 105°C	--	--
	Sampo	SA-1811	Class 105°C	--	--
DC-AC Inverter	TDK Taiwan Corp.	TAD776-1	I/P:DC 13.2Vdc, 1250mA max. O/P: 1500Vrms, 8.5mA max.	--	--
- DC/AC inverter transformer (T1)	TDK Taiwan Corp.	NIA19LES-T14H002	Class 105°C	--	--
DC-AC Inverter	Emax Manufacturing Co., Ltd.	PLCD0615205	I/P:DC 13.2Vdc, 1180mA max. O/P: 1800Vrms, 8.5mA max.	--	--
- DC/AC inverter transformer (PT1)	Emax Manufacturing Co., Ltd.	EST0082	Class 130°C	--	--
Speaker (2 provided, optional)	--	--	8Ω, 1W	--	--
[1]) an asterisk indicates a mark which assures the agreed level of surveillance					

1.6	TABLE: electrical data (in normal conditions)					N
fuse #	Irated (A)	U (V)	P (W)	I (A)	Ifuse (A)	condition/status

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

Tested with adapter, mfr.: Linearity, type: LAD6019AB4, A type enclosure, main control PCB no.: Pro2K500 REV:B						
--	--	90/ 50Hz	22.7	0.39	0.39	at normal load condition (measured at AC adaptor)
--	--	90/ 60Hz	23.2	0.42	0.42	dto
--	1.5	100/ 50Hz	22.1	0.35	0.35	dto
--	1.5	100/ 60Hz	23.1	0.38	0.38	dto
--	1.5	240/ 50Hz	25.1	0.19	0.19	dto
--	1.5	240/ 60Hz	23.6	0.23	0.23	dto
--	--	254/ 50Hz	25.6	0.19	0.19	dto
--	--	254/ 60Hz	23.8	0.21	0.21	dto
--	--	264/ 50Hz	24.7	0.20	0.20	dto
--	--	264/ 60Hz	23.9	0.21	0.21	dto
--	4	DC 12.06	18.45	1.53	--	with AC adaptor at normal load condition (measured at LCD monitor)
Tested with adapter, mfr.: Delta, type: ADP-40TB, C type enclosure, main control PCB no.: Pro2K500 REV:B without audio circuitry						
--	--	90/ 50Hz	19.9	0.39	0.39	at normal load condition (measured at AC adaptor)
--	--	90/ 60Hz	19.8	0.39	0.39	dto
--	1.2	100/ 50Hz	19.4	0.36	0.36	dto
--	1.2	100/ 60Hz	19.4	0.36	0.36	dto
--	1.2	240/ 50Hz	20.3	0.21	0.21	dto
--	1.2	240/ 60Hz	20.3	0.21	0.21	dto
--	--	254/ 50Hz	20.4	0.20	0.20	dto
--	--	254/ 60Hz	20.4	0.20	0.20	dto
--	4	DC 12.1	18.39	1.52	--	with AC adaptor at normal load condition (measured at LCD monitor)
Tested with adapter, mfr.: Delta, type: ADP-40TB, B type enclosure, main control PCB no.: Pro2K500 REV:B with audio circuitry						
--	--	90/ 50Hz	20.4	0.39	0.39	at normal load condition (measured at AC adaptor)
--	--	90/ 60Hz	20.3	0.39	0.39	dto

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

--	1.2	100/ 50Hz	20.0	0.36	0.36	dto
--	1.2	100/ 60Hz	20.0	0.36	0.36	dto
--	1.2	240/ 50Hz	20.6	0.21	0.21	dto
--	1.2	240/ 60Hz	20.6	0.21	0.21	dto
--	--	254/ 50Hz	20.7	0.20	0.20	dto
--	--	254/ 60Hz	20.7	0.20	0.20	dto
--	4	DC 12.2	17.20	1.41	--	with AC adaptor at normal load condition (measured at LCD monitor)
Tested with adapter, mfr.: Li Shin, type: LSE9901B1250, B type enclosure, main control PCB no.: Pro2K500 REV:B with audio circuitry with audio circuitry						
F1	--	90/ 50Hz	20.2	0.40	0.40	at normal load condition (measured at AC adaptor)
F1	--	90/ 60Hz	20.3	0.40	0.40	dto
F1	1.5	100/ 50Hz	20.0	0.39	0.39	dto
F1	1.5	100/ 60Hz	20.4	0.39	0.39	dto
F1	1.5	240/ 50Hz	21.2	0.22	0.22	dto
F1	1.5	240/ 60Hz	21.2	0.22	0.22	dto
F1	--	254/ 50Hz	21.2	0.20	0.20	dto
F1	--	254/ 60Hz	21.2	0.21	0.21	dto
--	4	DC 12.1	16.94	1.40	--	with AC adaptor at normal load condition (measured at LCD monitor)
Tested with adapter, mfr.: Li Shin, type: LSE9901B1250, C type enclosure, main control PCB no.: Pro2K500 REV:B without audio circuitry						
--	--	90/ 50Hz	19.6	0.40	0.40	at normal load condition (measured at AC adaptor)
--	--	90/ 60Hz	19.6	0.40	0.40	dto
--	1.5	100/ 50Hz	19.6	0.36	0.36	dto
--	1.5	100/ 60Hz	19.6	0.36	0.36	dto
--	1.5	240/ 50Hz	20.1	0.21	0.21	dto
--	1.5	240/ 60Hz	20.2	0.21	0.21	dto
--	--	254/ 50Hz	20.1	0.20	0.20	dto
--	--	254/ 60Hz	20.1	0.20	0.20	dto

IEC 950						
Clause	Requirement – Test			Result – Remark		Verdict
--	4	DC 12.1	16.94	1.40	--	with AC adaptor at normal load condition (measured at LCD monitor)
Tested with adapter, mfr.: Linearity, type: LAD6019AB4, main control PCB no.: 200-101-5001, F type enclosure						
--	--	90/ 50Hz	21.5	0.42	0.42	at normal load condition (measured at AC adaptor)
--	--	90/ 60Hz	21.4	0.43	0.43	dto
--	1.5	100/ 50Hz	21.2	0.39	0.39	dto
--	1.5	100/ 60Hz	21.3	0.40	0.40	dto
--	1.5	240/ 50Hz	22.0	0.23	0.23	dto
--	1.5	240/ 60Hz	21.8	0.24	0.24	dto
--	--	254/ 50Hz	22.0	0.21	0.21	dto
--	--	254/ 60Hz	21.8	0.22	0.22	dto
--	4	DC 12.3	18.39	1.48	--	with AC adaptor at normal load condition (measured at LCD monitor)
Tested with adapter, mfr.: Li Shin, type: LSE9901B1250, B type enclosure, with audio circuitry, main control PCB no.: 200-101-AV						
F1	--	90/ 50Hz	32.7	0.59	0.59	at normal load condition (measured at AC adaptor)
F1	--	90/ 60Hz	32.6	0.60	0.60	dto
F1	1.5	100/ 50Hz	32.2	0.54	0.54	dto
F1	1.5	100/ 60Hz	32.2	0.55	0.55	dto
F1	1.5	240/ 50Hz	31.8	0.30	0.30	dto
F1	1.5	240/ 60Hz	31.8	0.30	0.30	dto
F1	--	254/ 50Hz	31.9	0.28	0.28	dto
F1	--	254/ 60Hz	31.8	0.29	0.29	dto
--	4	DC 12.1	29.15	2.45	--	with AC adaptor at normal load condition (measured at LCD monitor)
Tested with adapter, mfr.: Li Shin, type: LSE9901B1250, B type enclosure, with audio circuitry, main control PCB no.: 200-101-AV02						
F1	--	90/ 50Hz	30.7	0.51	0.51	at normal load condition (measured at AC adaptor)
F1	--	90/ 60Hz	30.9	0.51	0.51	dto

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

F1	1.5	100/ 50Hz	31.2	0.49	0.49	dto
F1	1.5	100/ 60Hz	31.1	0.49	0.49	dto
F1	1.5	240/ 50Hz	30.9	0.25	0.25	dto
F1	1.5	240/ 60Hz	31.1	0.25	0.25	dto
F1	--	254/ 50Hz	31.6	0.23	0.23	dto
F1	--	254/ 60Hz	31.1	0.23	0.23	dto
--	4	DC 12.1	26.4	2.20	--	with AC adaptor at normal load condition (measured at LCD monitor)
Tested with adapter, mfr.: Lien Chang, type: LCA01F, H type enclosure, with audio circuitry, main control PCB no.: 200-101-AV02						
F1	--	90/ 50Hz	22.0	0.44	0.44	at normal load condition (measured at AC adaptor)
F1	--	90/ 60Hz	21.7	0.44	0.44	dto
F1	1.8	100/ 50Hz	21.6	0.40	0.40	dto
F1	1.8	100/ 60Hz	21.6	0.40	0.40	dto
F1	1.8	240/ 50Hz	21.8	0.23	0.23	dto
F1	1.8	240/ 60Hz	21.8	0.23	0.23	dto
F1	--	254/ 50Hz	21.8	0.22	0.22	dto
F1	--	254/ 60Hz	21.8	0.22	0.22	dto
--	3	DC 12.1	18.1	1.5	--	with AC adaptor at normal load condition (measured at LCD monitor)
Tested with adapter, mfr.: Li Shin, type: LSE0107A1236, main control PCB no.: 200-100-SH570 REV: S3						
F1	--	90/ 50Hz	20.5	0.4	0.4	at normal load condition (measured at AC adaptor)
F1	--	90/ 60Hz	20.5	0.4	0.47	dto
F1	1.0	100/ 50Hz	20.3	0.38	0.38	dto
F1	1.0	100/ 60Hz	20.8	0.38	0.38	dto
F1	1.0	240/ 50Hz	20.8	0.21	0.21	dto
F1	1.0	240/ 60Hz	20.8	0.21	0.21	dto
F1	--	254/ 50Hz	20.8	0.21	0.21	dto
F1	--	254/ 60Hz	20.8	0.21	0.21	dto

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

--	3	DC 12.23	18.2	1.49	--	with AC adaptor at normal load condition (measured at LCD monitor)
Tested with adapter, mfr.: FSP, type: FSP036-1AD101C, main control PCB no.: 200-100-AS573 REV:S1, D/A inverter: MPT, type M074, Panel: TORISAN, type TM150XG-26L06A						
F1	--	90/ 50Hz	23.9	0.47	0.47	at normal load condition (measured at AC adaptor)
F1	--	90/ 60Hz	23.9	0.47	0.47	dto
F1	1.0	100/ 50Hz	23.7	0.44	0.44	dto
F1	1.0	100/ 60Hz	23.7	0.44	0.44	dto
F1	1.0	240/ 50Hz	24.1	0.24	0.24	dto
F1	1.0	240/ 60Hz	24.1	0.24	0.24	dto
F1	--	264/ 50Hz	23.0	0.23	0.23	dto
F1	--	264/ 60Hz	23.0	0.23	0.23	dto
--	3	DC 12	21.42	1.75	--	with AC adaptor at normal load condition (measured at LCD monitor)
Tested with adapter, mfr.: Linearity, type: LAD6019AB4, main control PCB no.: 200-100-465L. REV. S1, D/A inverter: Sampo, type L0134, Panel: AU, type M141X1-1						
F1	--	90/ 50Hz	16.9	0.34	0.34	at normal load condition (measured at AC adaptor)
F1	--	90/ 60Hz	16.9	0.34	0.34	dto
F1	1.5	100/ 50Hz	16.8	0.32	0.32	dto
F1	1.5	100/ 60Hz	16.8	0.32	0.32	dto
F1	1.5	240/ 50Hz	17.1	0.18	0.18	dto
F1	1.5	240/ 60Hz	17.1	0.18	0.18	dto
F1	--	264/ 50Hz	17.2	0.17	0.17	dto
F1	--	264/ 60Hz	17.2	0.17	0.17	dto
--	3	DC 12	14.07	1.15	--	with AC adaptor at normal load condition (measured at LCD monitor)

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

2.1.10	TABLE: discharge test *Class III equipment, no mains connection.*				N
Condition	τ calculated (s)	τ measured (s)	t u→ 0V (s)	comments	
Overall capacity :					
Discharge resistor :					

2.4	TABLE: limited current circuit measurement				P
Location	Voltage (V)	Current (mA)	Freq. (kHz)	Limit (mA)	Comments
Tested with DC/AC Inverter, mfr.: Sampo, type: L0013					
CON3 pin 1 to pin2	20.6	10.3	44.0	30.8	normal
CON3 pin 1 to pin2	26.8	13.4	111.6	70	with C15 shorted
CON3 pin 1 to pin2	33.8	16.9	44.9	31.4	with L2 shorted
CON3 pin 1 to pin2	--	--	--	--	with C13 shorted, the fuse opened.
CON3 pin 1 to pin2	33.4	16.7	43.5	30.5	with D8 pin 1-3 shorted
CON3 pin 1 to pin2	51.6	25.8	44.5	31.2	with Q6 pin S-D shorted
CON3 pin 1 to earthed	36.0	18.0	43.6	30.5	normal
CON3 pin 1 to earthed	63.2	31.6	110.2	70	with C15 shorted
CON3 pin 1 to earthed	55.2	27.6	43.6	30.5	with L2 shorted
CON3 pin 1 to earthed	--	--	--	--	with C13 shorted, the fuse opened.
CON3 pin 1 to earthed	36.1	18.05	43.6	30.5	with D8 pin 1-3 shorted
CON3 pin 1 to earthed	51.6	25.8	44.7	31.3	with Q6 pin S-D shorted
CON3 pin 2 to earthed	15.7	7.85	44.7	31.3	normal
CON3 pin 2 to earthed	17.8	8.9	105.2	70	with C15 shorted
CON3 pin 2 to earthed	16.6	8.3	76.2	53.3	with L2 shorted
CON3 pin 2 to earthed	--	--	--	--	with C13 shorted, the fuse opened.
CON3 pin 2 to earthed	6.0	3.0	18.5	13.0	with D8 pin 1-3 shorted

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

CON3 pin 2 to earthed	15.7	7.85	44.8	31.4	with Q6 pin S-D shorted
Tested with DC/AC Inverter, mfr.: Sampo, type: L0067					
PT1 pin 7 to pin 10	--	--	--	--	When normal condition, unit shutdown
PT1 pin 7 to pin 10	--	--	--	--	When C14 was shorted, unit shutdown
PT1 pin 7 to pin 10	--	--	--	--	When L1 was shorted, unit shutdown
PT1 pin 7 to pin 10	--	--	--	--	When C12 was shorted, unit shutdown
PT1 pin 7 to pin 10	--	--	--	--	When D5 pin 1-3 was shorted, unit shutdown
PT1 pin 7 to pin 10	--	--	--	--	When Q4 pin 2-7 was shorted, unit shutdown
PT1 pin 7 to earth	--	--	--	--	When normal condition, unit shutdown
PT1 pin 7 to earth	--	--	--	--	When C14 was shorted, unit shutdown
PT1 pin 7 to earth	--	--	--	--	When L1 was shorted, unit shutdown
PT1 pin 7 to earth	--	--	--	--	When C12 was shorted, unit shutdown
PT1 pin 7 to earth	--	--	--	--	When D5 pin 1-3 was shorted, unit shutdown
PT1 pin 7 to earth	--	--	--	--	When Q4 pin 2-7 was shorted, unit shutdown
PT1 pin 10 to earth	1.23	0.615	45.2	31.64	normal
PT1 pin 10 to earth	1.01	0.505	48.6	34.02	with C14 shorted
PT1 pin 10 to earth	1.05	0.525	47.93	33.55	with L1 shorted
PT1 pin 10 to earth	--	--	--	--	When C12 was shorted, unit shutdown
PT1 pin 10 to earth	--	--	--	--	When D5 pin 1-3 was shorted, unit shutdown
PT1 pin 10 to earth	0.99	0.495	52.7	36.89	with Q4 pin 2-7 shorted
CON2 pin 1 to pin 2	20.8	10.4	49.3	34.51	normal
CON2 pin 1 to pin 2	22.6	11.3	120.7	70	with C14 shorted
CON2 pin 1 to pin 2	38.8	19.4	49.3	34.51	with L1 shorted

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

CON2 pin 1 to pin 2	41.2	20.6	51.6	36.12	with C12 shorted
CON2 pin 1 to pin 2	--	--	--	--	When D5 pin 1-3 was shorted, unit shutdown
CON2 pin 1 to pin 2	55.6	27.8	51.3	35.91	with Q4 pin 2-7 shorted
CON2 pin 1 to earthed	--	--	--	--	When normal condition, unit shutdown
CON2 pin 1 to earthed	--	--	--	--	When C14 was shorted, unit shutdown
CON2 pin 1 to earthed	--	--	--	--	When L1 was shorted, unit shutdown
CON2 pin 1 to earthed	--	--	--	--	When C12 was shorted, unit shutdown
CON2 pin 1 to earthed	--	--	--	--	When D5 pin 1-3 was shorted, unit shutdown
CON2 pin 1 to earthed	--	--	--	--	When Q4 pin 2-7 was shorted, unit shutdown
CON2 pin 2 to earthed	1.92	0.96	52.7	36.89	normal
CON2 pin 2 to earthed	1.24	0.62	49.54	34.68	With C14 shorted
CON2 pin 2 to earthed	1.40	0.7	47.28	33.10	with L1 shorted
CON2 pin 2 to earthed	1.36	0.68	46.82	32.77	with C12 shorted
CON2 pin 2 to earthed	--	--	--	--	When D5 pin 1-3 was shorted, unit shutdown
CON2 pin 2 to earthed	1.24	0.62	51.55	36.09	with Q4 pin 2-7 shorted
Tested with DC/AC Inverter, mfr.: Sampo, type: L0051					
CON2 pin 1 to pin2	--	--	--	--	The unit shutdown while normal condition.
CON2 pin 1 to pin2	--	--	--	--	With C14 shorted, unit shutdown.
CON2 pin 1 to pin2	--	--	--	--	With L1 shorted, unit shutdown.
CON2 pin 1 to pin2	--	--	--	--	With D7 pins 1-3 shorted, unit shutdown.
CON2 pin 1 to pin2	--	--	--	--	with Q4 pins C-E shorted, unit shutdown.
CON2 pin 1 to earthed	--	--	--	--	The unit shut down while normal condition.
CON2 pin 1 to earthed	--	--	--	--	With C14 shorted, unit shutdown.
CON2 pin 1 to earthed	--	--	--	--	With L1 shorted, unit shutdown.

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

CON2 pin 1 to earthed	--	--	--	--	with D7 pins 1-3 shorted, unit shutdown.
CON2 pin 1 to earthed	--	--	--	--	with Q4 pins C-E shorted, unit shutdown.
CON2 pin 2 to earthed	--	--	--	--	Unit shutdown while normal condition.
CON2 pin 2 to earthed	--	--	--	--	with C14 shorted, unit shutdown.
CON2 pin 2 to earthed	--	--	--	--	With L1 shorted, unit shutdown.
CON2 pin 2 to earthed	--	--	--	--	with D7 pins 1-3 shorted, unit shutdown.
CON2 pin 2 to earthed	--	--	--	--	with Q4 pins C-E shorted, unit shutdown.
Tested with DC/AC Inverter, mfr.: Sampo, type: L0110					
CN5 pin 2 to CN4 pin 1	29.2	14.6	54.68	38.28	normal
CN5 pin 2 to earthed	--	--	--	--	normal, unit shutdown.
CN4 pin 1 to earthed	4.68	2.34	56.10	39.27	normal
PT2 pin 7 – pin 10	--	--	--	--	normal, unit shutdown.
CN5 pin 2 to CN4 pin 1	38.8	19.9	117.2	70	with C20 shorted
CN5 pin 2 to earthed	--	--	--	--	with C20 shorted, unit shutdown.
CN4 pin 1 to earthed	4.84	2.42	86.78	39.27	with C20 shorted
CN5 pin 2 to CN4 pin 1	41.2	20.6	52.7	36.89	with D6 shorted
CN5 pin 2 to earthed	--	--	--	--	with D6 shorted, unit shutdown.
CN4 pin 1 to earthed	6.9	3.45	54.30	35.60	with D6 shorted
Tested with DC/AC Inverter, mfr.: Sampo, type: L0111					
CN5 pin 1 to CN5 pin 2	24.8	12.4	45.77	32.04	normal
CN5 pin 1 to earthed	31.8	15.9	44.08	30.86	normal
CN5 pin 2 to earthed	3.68	1.84	47.34	33.14	normal
CN5 pin 1 to CN5 pin 2	32.2	16.1	114.1	70	with C15 shorted
CN5 pin 1 to earthed	--	--	--	--	with C15 shorted, unit shutdown.
CN5 pin 2 to earthed	3.92	1.96	48.04	33.63	with C15 shorted
CN5 pin 1 to CN5 pin 2	32.8	16.4	47.76	33.43	with L2 shorted
CN5 pin 1 to earthed	55.6	27.8	137.8	70	with L2 shorted
CN5 pin 2 to earthed	3.8	1.9	39.08	27.36	with L2 shorted