INTERNATIONAL ELECTROTECHNICAL COMMISSION (IEC)
COMMISSION ELECTROTECHNIQUE INTERNATIONALE (CEI)

Ref. Certif. No.
JPTUV-002080A3

IEC SYSTEM FOR CONFORMITY TESTING AND CERTIFICATION OF ELECTRICAL EQUIPMENT (IECEE)
CB SCHEME

SYSTÈME CEI D'ESSAIS DE CONFORMITÉ ET DE CERTIFICATION DES EQUIPEMENTS ELECTRIQUE (IECEE)
METHODE OC

CB TEST CERTIFICATE
CERTIFICAT D'ESSAI OC

Product
Produit

Personal Computer

Name and address of the applicant
Nom et adresse du demandeur

Wistron Corporation
21F, 88, Sec. 1, Hsin Tai Wu Rd.
HSICHIH, TAIPEI HSIEN 221, TAIWAN, R.O.C.

Name and address of the manufacturer
Nom et adresse du fabricant

Wistron Corporation
21F, 88, Sec. 1, Hsin Tai Wu Rd.
HSICHIH, TAIPEI HSIEN 221, TAIWAN, R.O.C.

Name and address of the factory
Nom et adresse de l'usine

(See appendix for factories information)

Rating and principal characteristics
Valeurs nominales et caractéristiques principales

Input rating : 1) AC 100-127/200-240V, 4.0/2.0A, 50-60Hz
2) AC 100-127/200-240V, 5.0/3.0A, 50/60Hz
Protection class : I

Trade mark (if any)
Marque de fabrique (si elle existe)

Trade mark of Acer

Model/type Ref.
Ref. de type

1) AP4400, VT5100
2) VT5200

Additional information (if necessary)
Information complémentaire (si nécessaire)

For differences between the models, refer to the test report. Remark : Replaces JPTUV-002080A2 dated 14.03.2001, due to third modification.

A sample of the product was tested and found to be in conformity with
Un échantillon de ce produit a été essayé et a été considéré conforme à la

PUBLICATION **EDITION**
IEC 60950:1991+A1+A2+A3+A4
inclusive CENELEC Common Modifications
National differences see test report

as shown in the Test Report Ref. No.
which form part of this certificate
comme indiqué dans le Rapport d'essais numéro de référence
qui constitue une partie de ce certificat

02062487 004

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification

TÜV

TÜV Rheinland Japan Ltd.
3-19-5 Shin-Yokohama
222-0033 Japan

Date 31.08.2001

Signature

Dipl.-Ing. M. Lechtermann

Issue 1998-09

Appendix to CB Certificate JPTUV-002080A3
Report Number: 02062487 004

Name and address of the manufacturer

Wistron Corporation
21F, 88, Sec. 1, Hsin Tai Wu Rd.
Hsichih, Taipei Hsien 221
Taiwan, R.O.C.

Name and address of the factory(ies)

Wistron Corporation

7, Hsin Ann Road
Hsinchu Science-Based Ind. Park
Hsinchu 300
Taiwan, R.O.C.

IMS B.V.

Zevenheuvelweg 25
5048 AN Tilburg
Netherlands

Date: 31.08.2001

Dipl.-Ing. M. Lechtermann

TEST REPORT FOR AN ADDITIONAL APPROVAL

IEC 950

Safety of information technology equipment

Report

Reference No. ..... : <02062487 004>

Compiled by (+ signature) ..... : P. Petschnig

Approved by (+ signature) ..... : S. Hartter

Date of issue ..... : 27 August, 2001

Contents ..... : 16 pages

..... :

This report is based on a blank test report that was prepared by KEMA using information obtained from the TRF originator (see below).

Testing laboratory

Testing laboratory ..... : TÜV Rheinland Japan Ltd., Yokohama Laboratories

Address ..... : Festo Bldg. 5F, 1-26-10 Hayabuchi, Tsuzuki-Ku, Yokohama 224-0025, Japan

Testing location ..... : TÜV Rheinland Japan Ltd., Yokohama Laboratories

Client

Name..... : Wistron Corporation

Address ..... : 21F, 88, Sec. 1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.

Test specification

Standard ..... : IEC 60950:1991 + A1:1992 + A2:1993 + A3:1995 + A4:1996
EN 60 950:1992 + A1:1993 + A2:1993 + A3:1995 + A4:1997 + A11:1997
EMKO-TSE(74-SEC)207/94, UL 1950, C22.2 No. 950 3rd edition, AS 3260

Test procedure ..... : CB-scheme

Procedure deviation ..... : Austria, Belgium, Canada, China, Czech. R., Denmark, Finland, France, Germany, Greece, Hungary, India, Ireland, Israel, Italy, Japan, Korea, Netherlands, Poland, Russia federation, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, U.K., USA, Yugoslavia

Non-standard test method..... : N.A.

Test Report Form/blank test report

Test Report Form No. ..... : Cbaddapp.doc

TRF originator..... : TÜV Rheinland

Test item

Description..... : Personal Computer

Trademark..... : Acer trade mark

Model and/or type reference ..... : VT5100 VT5200 AP4400

Manufacturer..... : Same as applicant

Rating..... : AC 100-127/200-240V, 4.0/2.0A, 50-60Hz for VT5100, AP4400
AC 100-127/200-240V, 5.0/3.0A, 50/60Hz for VT5200

The construction of the personal computer model VT5100 was modified as follows:

a) Change applicant namand factory name from Acer Inc. to Wistron Corporation with same address as before.

b) Additional Model **VT5200 with rating** AC 100-127/200-240V, 5.0/3.0A, 50/60Hz

c) Add alternate sources for the following components:

1. Switching Power Supply (for additional model **VT5200 only)**
2. 3.5" H.D.D. (optional)
3. CR-RW (optional)
4. DVD-ROM (optional)

For the above described modification the following testing was considered to be necessary:

Modification	Testing	Comments	Result
1	- Input test - Heating test - Humidity test at 40°C - Hi-Pot test - Unit abnormal operation test	TÜV approved component used. Results see appended tables 1.6.1, 2.2, 5.1, 5.3, 5.4. For source and ratings see appended table 1.5.1.	**P**
2	N/A	TÜV approved components used. For sources see appended table 1.5.1.	**P**
3	N/A	TÜV approved components used. For sources see appended table 1.5.1.	**P**
4	N/A	TÜV approved components used. For sources see appended table 1.5.1.	**P**

The power supplies are CB approved components as follows:

object	manufacturer	type/model	Tested by	Certificate. No	Report No
Switching Power Supply	Sirtec International Co., Ltd.	SI-X145Px, SI-X200Px	TUV Rheinland Japan	JPTUV-002507	E2063157 E01
Standard:	IEC 60950:1991 + A1 + A2 + A3 + A4				
Nat. deviations:	Australia, Austria, Belgium, Canada, China, The Czech Republic, Denmark, Finland, France, Germany, Hungary, India, Ireland, Israel, Italy, Japan, Rep. of Korea, The Netherlands, Norway, Poland, Russian Fed., Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, United Kingdom, USA, Yugoslavia				
Test particulars:	--				

object	manufacturer	type/model	Tested by	Certificate. No	Report No
Switching Power Supply	Sirtec International Co., Ltd.	SI-X200M	NEMKO	NO5547/A2	199820125 199832198 199911232
Standard:	IEC 60950:1991 + A1 + A2 + A3 + A4				
Nat. deviations:	Austria, Australia, Belgium, Canada, China, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, India, Ireland, Israel, Italy, Japan, Rep. of Korea, The Netherlands, Norway, Poland, Russian Fed., Spain, Singapore, Slovakia, Slovenia, South Africa, Sweden, Switzerland, United Kingdom, United States				
Test particulars:	--				

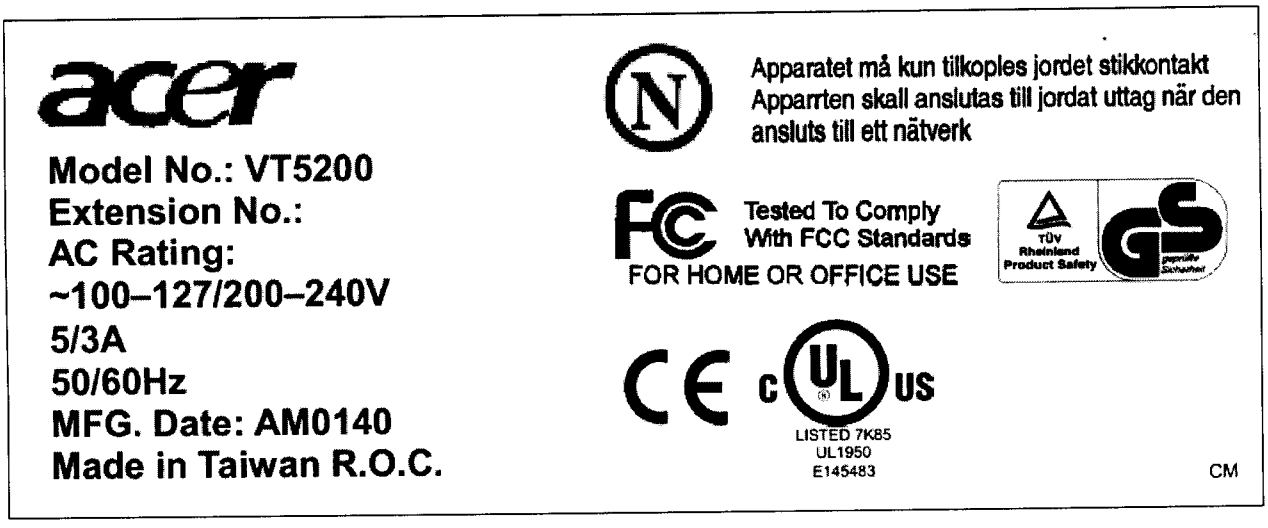
object	manufacturer	type/model	Tested by	Certificate. No	Report No
Switching Power Supply	Delta	DPS-200PB-112XX	TUV Rheinland Japan	JPTUV-003164A1	12000574 002
Standard:	IEC 60950:1991 + A1 + A2 + A3 + A4				
Nat. deviations:	Austria, Australia, Belgium, Canada, China, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, India, Ireland, Israel, Italy, Japan, Rep. of Korea, The Netherlands, Norway, Poland, Russian Fed., Spain, Singapore, Slovakia, Slovenia, South Africa, Sweden, Switzerland, United Kingdom, United States				
Test particulars:	--				

Remark:

The history of modification as below:

- Modification: Z02, Z03, 004
- Non-technical change:

Copy of the rating label:



IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

1.7	Marking and instructions		P
1.7.1	Rated voltage (V) .....:	~ 100-127V/ 200-240V	P
	Symbol of nature of supply for d.c. .....:	Mains from AC source	N
	Rated frequency (Hz) .....:	50/60 Hz	P
	Rated current (A) .....:	5A/3A	P
	Manufacturer .....:	Not shown.	N
	Trademark .....:	Acer trade mark	P
	Type/model .....:	VT5200	P
	Symbol of Class II .....:	Class I equipment	N
	Certification marks .....:	TÜV Rheinland GS mark, CUL, N, UL	N

2.2	Insulation		P
2.2.1	Methods of insulation	The insulation materials provided in the equipment with adequate thickness and adequate creepage distance over their surface and clearance distance through air.	P
2. 2.2	Properties of insulating materials	Natural rubber, asbestos or hygroscopic materials are not used	P
2.2.3	Humidity treatment	Total time elapsed: 120 hours	P
	Humidity (%) .....:	93% R.H.	—
	Temperature (°C) .....:	40°C	—

1.5.1	TABLE: list of critical components				P
object/part No.	manufacturer/ trademark	type/model	technical data	standard	mark(s) of conformity[1])
Switching Power Supply (for VT 5200)	Sirtec International Co., Ltd.	SI-X200M3	100-127V/200-240V, 50/60Hz, 5/3A +5/+12/+3.3/-5V/-12/+5Vsb V dc, 20.0/8.0/14.0/0.	IEC 60950	TÜV, CB, CSA, UL

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

			3/0.3/1.0 A.		
(for VT 5200)		SI-X200P3	100-127V/200-240V, 50-60Hz, 5/3A +5/+12/+3.3/-12/+5Vsb V dc, 20.0/8.0/14.0/0.5/3.0 A.	IEC 60950	TÜV, CB, CSA, UL
(for VT 5200)	Delta Electronics Inc.	DPS-200PB-112XX	100-127V/200-240V, 47-63Hz, 5/3A +5/+12/+3.3/-12/+5Vsb V dc, 25.0/13.0/17.0/0.8/3.0 A	IEC 60950	TÜV, CB, CSA, UL
3.5" H.D.D. (optional)	IBM Japan Ltd.	IC35L0nnAVER07-y	5 / 12 V dc 0.3 / 0.5 A max.	EN 60950	TÜV, CSA, UL
CR-RW (optional)	Aopen Inc.	CRW1232	5 / 12 V dc 1.0 / 1.4 A max. Laser Class 1	IEC 60950 IEC 60825-1	TÜV, CSA, UL
DVD-ROM (optional)	Pioneer Corp.	DVD-116XXX	5 / 12 V dc 0.8 / 1.3 A Laser Class 1	IEC 60950 IEC 60825-1	TÜV, CSA, UL
[1]) an asterisk indicates a mark which assures the agreed level of surveillance					

1.6	TABLE: electrical data (in normal conditions)					P
SPS: SI-X200M3						
fuse #	Irated (A)	U (V)	P (W)	I (A)	Ifuse (A)	condition/status
F1	--	90	223	4.05	4.05	normal load at 50Hz
F1	5.0	100	222	3.68	3.68	dto
F1	5.0	127	223	3.05	3.05	dto
F1	--	134	223	2.95	2.95	dto
F1	--	140	225	2.87	2.87	dto
F1	--	180	221	2.30	2.30	dto
F1	3.0	200	218	2.09	2.09	dto
F1	3.0	240	217	1.82	1.82	dto
F1	--	254	219	1.75	1.75	dto
F1	--	264	217	1.72	1.72	dto
F1	--	90	224	4.06	4.06	normal load at 60Hz

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

F1	5.0	100	224	3.67	3.67	dto
F1	5.0	127	223	3.03	3.03	dto
F1	--	134	224	2.96	2.96	dto
F1	--	140	224	2.89	2.89	dto
F1	--	180	219	2.28	2.28	dto
F1	3.0	200	218	2.05	2.05	dto
F1	3.0	240	218	1.79	1.79	dto
F1	--	254	218	1.71	1.71	dto
F1	--	264	218	1.67	1.67	dto
SPS: SI-X200P3						
fuse #	Irated (A)	U (V)	P (W)	I (A)	Ifuse (A)	condition/status
F1	--	90	223	3.12	3.12	normal load at 50Hz
F1	5.0	100	219	2.79	2.79	dto
F1	5.0	127	219	2.25	2.25	dto
F1	--	134	218	2.14	2.14	dto
F1	--	140	223	2.06	2.06	dto
F1	--	180	216	1.57	1.57	dto
F1	3.0	200	217	1.42	1.42	dto
F1	3.0	240	217	1.18	1.18	dto
F1	--	254	217	1.13	1.13	dto
F1	--	264	218	1.10	1.10	dto
F1	--	90	222	3.09	3.09	normal load at 60Hz
F1	5.0	100	220	2.78	2.78	dto
F1	5.0	127	219	2.22	2.22	dto
F1	--	134	219	2.12	2.12	dto
F1	--	140	222	2.03	2.03	dto
F1	--	180	217	1.58	1.58	dto
F1	3.0	200	216	1.40	1.40	dto
F1	3.0	240	218	1.17	1.17	dto
F1	--	254	217	1.11	1.11	dto
F1	--	264	218	1.08	1.08	dto
SPS: DPS-200PB-112XX						

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

fuse #	Irated (A)	U (V)	P (W)	I (A)	Ifuse (A)	condition/status
F1	--	90	285	5.29	5.29	normal load at 50Hz
F1	5.0	100	285	4.85	4.85	dto
F1	5.0	127	284	4.00	4.00	dto
F1	--	134	283	3.85	3.85	dto
F1	--	140	282	3.71	3.71	dto
F1	--	180	281	2.85	2.85	dto
F1	3.0	200	277	2.59	2.59	dto
F1	3.0	240	275	2.21	2.21	dto
F1	--	254	275	2.10	2.10	dto
F1	--	264	275	2.05	2.05	dto
F1	--	90	286	5.35	5.35	normal load at 60Hz
F1	5.0	100	287	4.88	4.88	dto
F1	5.0	127	283	3.97	3.97	dto
F1	--	134	282	3.86	3.86	dto
F1	--	140	283	3.68	3.68	dto
F1	--	180	279	2.80	2.80	dto
F1	3.0	200	278	2.55	2.55	dto
F1	3.0	240	275	2.17	2.17	dto
F1	--	254	276	2.07	2.07	dto
F1	--	264	274	2.01	2.01	dto

2.5.11	TABLE: ground continue test		P
SPS: SI-X200M3			
Location	Resistant measured	Comments	
Metal Enclosure	10 mΩ	Test current = 25A, 1 minute	
Metal Enclosure	11 mΩ	Test current = 30A, 2 minutes	
SPS: SI-X200P3			
Location	Resistant measured	Comments	
Metal Enclosure	10 mΩ	Test current = 25A, 1 minute	

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

Metal Enclosure	12 mΩ	Test current = 30A, 2 minutes
SPS: DPS-200PB-112XX		
Location	Resistant measured	Comments
Metal Enclosure	10 mΩ	Test current = 25A, 1 minute
Metal Enclosure	14 mΩ	Test current = 30A, 2 minutes

Note:

1. Test current = see above

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

5.1	TABLE: temperature rise measurements			P
SPS: SI-X200M3				
	test voltage (V) .....:	100-10% 240+6%		—
	t1 (°C) .....:	90 V / Max. Normal Load		—
	t2 (°C) .....:	254 V / Max. Normal Load		—
temperature rise dT of part/at:		dT (K)		Required dT (K)
CPU Heat-Sink		17	18	
U12 Heat-Sink / MB		15	16	
U21 / MB		8	8	
HDD Housing		18	16	
CD-ROM Housing		9	10	
FDD Housing		1	5	
T0 Coil / SPS		67	25	70
T2 Coil / SPS		32	31	70
T3 Coil / SPS		41	41	70
T4 Coil / SPS		30	22	70
T5 Coil / SPS		39	50	70
HS1 / SPS		36	41	
HS2 / SPS		40	40	
HS3 / SPS		48	49	
C5 / SPS		21	17	
Fan Enclosure / SPS		19	18	35
Enclosure / SPS		14	14	35
Enclosure / System		3	3	35
Ambient Temperature		25°C	25°C	
SPS: SI-X200P3				
	test voltage (V) .....:	100-10% 240+6%		—
	t1 (°C) .....:	90 V / Max. Normal Load		—
	t2 (°C) .....:	254 V / Max. Normal Load		—
temperature rise dT of part/at:		dT (K)		Required dT (K)
CPU Heat-Sink		15	14	

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

U12 Heat-Sink / MB	13	12	
U21 / MB	4	3	
HDD Housing	16	15	
CD-ROM Housing	7	6	
FDD Housing	2	1	
FL1 Coil / SPS	31	13	
FL2 Coil / SPS	27	14	
T1 Coil / SPS	32	29	55
T2 Coil / SPS	25	23	55
L3 Coil / SPS	43	49	70
PFC Coil / SPS	44	19	85
HS1 / SPS	38	32	70
HS2 / SPS	39	38	70
C1 / SPS	18	12	
Fan Enclosure / SPS	13	11	35
Enclosure / SPS	21	11	35
Enclosure / System	3	2	35
Ambient Temperature	25°C	25°C	

SPS: DPS-200PB-112XX

	test voltage (V) ..... :	100-10% 240+6%	—
	t1 (°C) ..... :	90 V / Max. Normal Load	—
	t2 (°C) ..... :	254 V / Max. Normal Load	—

temperature rise dT of part/at:	dT (K)		Required dT (K)
CPU Heat-Sink	16	17	
U12 Heat-Sink / MB	15	16	
U21 / MB	5	7	
HDD Housing	15	15	
CD-ROM Housing	8	8	
FDD Housing	2	3	
FL2 Coil / SPS	41	18	85
FL1 Coil / SPS	46	20	85
C2 / SPS	14	14	70

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

T1 Coil / SPS	30	32	75
T901 Coil / SPS	21	22	75
L101 Coil / SPS	33	33	75
L302 Coil / SPS	21	20	75
HS1 / SPS	30	26	
HS2 / SPS	31	32	
Fan Enclosure / SPS	13	13	35
Enclosure / SPS	9	9	35
Enclosure / System	4	3	35
Ambient Temperature	25°C	25°C	
			--

temperature rise dT of winding:	R_1 (Ω)	R_2 (Ω)	dT (K)	required dT (K)	Insulation class

Comments:

The temperatures were measured under worst case normal mode as described in 1.6.1 at voltages described in 1.6.5. With a specified ambient temperature of 35°C, the max. temperature rise is calculated as follows:

Winding components:

- class A → dTmax = 75K - 10K - (35-25)K = 55K
- class B → dTmax = 95K - 10K - (35-25)K = 75K
- class E → dTmax = 90K - 10K - (35-25)K = 70K

Electrolytic capacitor or components with:

- max. absolute temp. of 85°C → dTmax = (85-35) K = 50K
- max. absolute temp. of 105°C → dTmax = (105-35) K = 65K

Touchable surfaces:

- with a max. temperature rise of 70K → dTmax = 70K - (35-25) K = 60K

5.2	TABLE: leakage current measurement	P

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

SPS: SI-X200M3

Condition	current L→accessible part (mA)	current N→ accessible part (mA)	comments
System On	0.24	0.27	to metal enclosure
System On (Reverse)	0.26	0.25	to metal enclosure
System Off	1.17	0.37	to metal enclosure
System Off (Reverse)	1.22	0.32	to metal enclosure

SPS: SI-X200P3

Condition	current L→accessible part (mA)	current N→ accessible part (mA)	comments
System On	0.78	0.85	to metal enclosure
System On (Reverse)	0.84	0.80	to metal enclosure
System Off	1.29	0.38	to metal enclosure
System Off (Reverse)	1.34	0.32	to metal enclosure

SPS: DPS-200PB-112XX

Condition	current L→accessible part (mA)	current N→ accessible part (mA)	comments
System On	0.45	0.49	to metal enclosure
System On (Reverse)	0.43	0.49	to metal enclosure
System Off	0.44	0.48	to metal enclosure
System Off (Reverse)	0.43	0.49	to metal enclosure

Input voltage : 254V

Input frequency : 60Hz

5.3	TABLE: electric strength measurements	P

SPS: SI-X200M3

test voltage applied between:	test voltage (V)	breakdown
primary → secondary	4242 Vdc	No
primary → surface of enclosure	2367 Vdc	No

SPS: SI-X200P3

test voltage applied between:	test voltage (V)	breakdown
primary → secondary	4242 Vdc	No

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

primary → surface of enclosure	2574 Vdc	No
SPS: DPS-200PB-112XX		
test voltage applied between:	test voltage (V)	breakdown
primary → secondary	4242 Vdc	No
primary → surface of enclosure	2876 Vdc	No

5.4	TABLE: fault condition tests							P
	ambient temperature (°C) .....:					25°C		—
	model/type of power supply .....:					SI-X200M3		—
	manufacturer of power supply .....:					Sirtec International Co., Ltd.		—
	rated markings of power supply .....:					100-127/200-240 Vac		—
No.	Component No.	Fault	test voltage (V)	test time	fuse No.	fuse current (A)	Result	
1	Ventilation Openings	Blocked	90V 60Hz	8.0hrs	--	4.06	T0 Coil / SPS	94 °C
							T2 Coil / SPS	59 °C
							T3 Coil / SPS	67 °C
							T4 Coil / SPS	56 °C
							T5 Coil / SPS	66 °C
2	SPS DC Fan	Locked	254V 50Hz	7.0hrs	--	1.75	T0 Coil / SPS	53 °C
							T2 Coil / SPS	78 °C
							T3 Coil / SPS	99 °C
							T4 Coil / SPS	57 °C
							T5 Coil / SPS	100 °C
3	SPS DC Fan	Locked	90V 60Hz	7.5hrs	--	4.06	T0 Coil / SPS	96 °C
							T2 Coil / SPS	81 °C
							T3 Coil / SPS	104 °C
							T4 Coil / SPS	52 °C
							T5 Coil / SPS	105 °C
							Room ambient	25.0 °C

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict

	model/type of power supply .....:	SI-X200P3	—
	manufacturer of power supply .....:	Sirtec International Co., Ltd.	—
	rated markings of power supply .....:	100-127/200-240 Vac	—

No.	Component No.	Fault	test voltage (V)	test time	fuse No.	fuse current (A)	Result		
1	Ventilation Openings	Blocked	254V 50Hz	15.0hrs	--	1.13	FL1 Coil / SPS	40	°C
							FL2 Coil / SPS	42	°C
							T1 Coil / SPS	56	°C
							T2 Coil / SPS	50	°C
							L3 Coil / SPS	77	°C
							PFC Coil / SPS	46	°C
2	SPS DC Fan	Locked	254V 50Hz	7.0hrs	--	1.13	FL1 Coil / SPS	45	°C
							FL2 Coil / SPS	51	°C
							T1 Coil / SPS	91	°C
							T2 Coil / SPS	70	°C
							L3 Coil / SPS	150	°C
							PFC Coil / SPS	46	°C
3	SPS DC Fan	Locked	90V 60Hz	7.0hrs	--	3.09	FL1 Coil / SPS	95	°C
							FL2 Coil / SPS	109	°C
							T1 Coil / SPS	104	°C
							T2 Coil / SPS	73	°C
							L3 Coil / SPS	139	°C
							PFC Coil / SPS	67	°C
							Room ambient	25.0	°C

	model/type of power supply .....:	DPS-200PB-112XX	—
	manufacturer of power supply .....:	Delta Electronics Inc.	—
	rated markings of power supply .....:	100-127/200-240 Vac	—

No.	Component No.	Fault	test voltage (V)	test time	fuse No.	fuse current (A)	Result		
1	Ventilation	Blocked	90V	12.0hrs	--	5.35	FL2 Coil / SPS	74	°C

IEC 950									
Clause	Requirement – Test					Result – Remark		Verdict	
	Openings		60Hz				FL1 Coil / SPS	76	°C
							T1 Coil / SPS	59	°C
							T901 Coil / SPS	49	°C
							L101 Coil / SPS	57	°C
							L302 Coil / SPS	45	°C
2	SPS DC Fan	Locked	254V 50Hz	7.0hrs	--	2.10	FL2 Coil / SPS	89	°C
							FL1 Coil / SPS	76	°C
							T1 Coil / SPS	153	°C
							T901 Coil / SPS	115	°C
							L101 Coil / SPS	150	°C
							L302 Coil / SPS	120	°C
3	SPS DC Fan	Locked	90V 60Hz	7.0hrs	--	5.35	FL2 Coil / SPS	146	°C
							FL1 Coil / SPS	119	°C
							T1 Coil / SPS	138	°C
							T901 Coil / SPS	100	°C
							L101 Coil / SPS	129	°C
							L302 Coil / SPS	102	°C
							Room ambient	25.0	°C
In fault column, where s-c = short-circuited, dis = disconnected, o-l = over-loaded									