

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)
CB SCHEME

CB TEST CERTIFICATE

Product	Medical grade power supply unit
Name and address of the applicant	EXCELSYS TECHNOLOGIES LTD UNIT 27 EASTGATE BUSINESS PARK LITTLE ISLAND, CO CORK Ireland
Name and address of the manufacturer	EXCELSYS TECHNOLOGIES LTD UNIT 27 EASTGATE BUSINESS PARK LITTLE ISLAND, CO CORK Ireland
Name and address of the factory <i>Note: When more than one factory, please report on page 2</i>	Shenzhen Watt Electronics Co Ltd BAOAN BRANCH, 5 TUNNEL 1, TANGFANG GARDEN 35 DISTRICT, BAO'AN, SHENZHEN GUANGDONG 518101 CHINA
Ratings and principal characteristics	<input checked="" type="checkbox"/> Additional Information on page 2 See Pages 4-5
Trademark / Brand (if any)	Excelsys
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	Xgen Series See Pages 2-4
Additional information (if necessary may also be reported on page 2)	National Differences specified in the CB Test Report. <input type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60601-1:1988/AMD1:1991, IEC 60601-1:1988/AMD2:1995, IEC 60601-1:1988
As shown in the Test Report Ref. No. which forms part of this Certificate	E230761-D1002-1/A0/C0-CB issued on 2020-02-25

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
 UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
 UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
 UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2020-02-26

Signature:

Jan-Erik Storgaard

Model Details:

Xgen Series Part Numbering System Xyz abcdef g k h j for the 6Slot Xgen powerPac units populated with powerMod Modules, and = Xyz abcd g kh j for the 4Slot Xgen powerPac units populated with powerMod Modules, where:

“X” = all Xgen powerPac part numbers start with ‘X’

“y” = V, Z or W for 6 slot units

“y” = M, R or N for 4 slot units

“z” = A, B, C, D or E

“a” = 0, 1, 2, 3, 4, 5, 6, 7, 8, A, B, C, D, E, F, G, H, J, K or L

“b” = 0, 1, 2, 3, 4, 5, 6, 7, 8, A, B, C, D, E, F, G, H, J, K or L

“c” = 0, 1, 2, 3, 4, 5, 6, 7, 8, A, B, C, D, E, F, G, H, J, K or L

“d” = 0, 1, 2, 3, 4, 5, 6, 7, 8, A, B, C, D, E, F, G, H, J, K or L

“e” = 0, 1, 2, 3, 4, 5, 6, 7, 8, A, B, C, D, E, F, G, H, J, K or L

“f” = 0, 1, 2, 3, 4, 5, 6, 7, 8, A, B, C, D, E, F, G, H, J, K or L

“g” = ‘, P, C, R or S

‘, = Standard model (nominal voltage)

P = Specific voltage adjustment settings

C = Conformal coating

R = Ruggedized for vibration

S = C + R

“k” = Any alphanumeric character describing customer internal wiring lengths. Where no internal wiring exists and standard IEC appliance inlet is used k=0.

“h” = 0, 1, 2, 3, 4, 5, 6 or 7

0 = Standard model

1 = Thermal signals

2 = Reverse fan

3 = 1 + 2

4 = Low leakage

5 = 1 + 4

6 = 2 + 4

7 = 1 + 2 + 4

“j” = Any alphanumeric character. Optional. Logistics use only.

Xgen powerPac Part Numbering System Xyz g k h j for the 6Slot and 4Slot Xgen powerPacs, where:

“X” = all Xgen powerPac part numbers start with ‘X’

“y” = V, Z or W for 6 slot units

“y” = M, R or N for 4 slot units

“z” = A, B, C, D or E

“g” = ‘, P, C, R or S

‘, = Standard model (nominal voltage)

P = Specific voltage adjustment settings

C = Conformal coating

R = Ruggedized for vibration

S = C + R

“k” = Any alphanumeric character describing customer internal wiring lengths. Where no internal wiring exists and standard IEC appliance inlet is used k=0.

“h” = 0, 1, 2, 3, 4, 5, 6 or 7

0 = Standard model

1 = Thermal signals

2 = Reverse fan

3 = 1 + 2

4 = Low leakage

5 = 1 + 4

6 = 2 + 4

7 = 1 + 2 + 4

“j” = Any alphanumeric character. Optional. Logistics use only.

Additional information (if necessary)



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Xgen powerPac Models: XVA, XVB, XVC, XVD, XVE, XZA, XZB, XZC, XWA, XWB, XWC, XMA, XMB, XMC, XMD, XRA, XRB, XRC, XNA, XNB.

Ultimod Series Part Numbering System = UX6 abcdef g k h j for the 6Slot powerPac units populated with powerMod Modules, and = UX4 abcd g k h j for the 4Slot powerPac units populated with powerMod Modules, where:

"UX" = all powerPac part numbers start with 'UX'

"a" = 0, 1, 2, 3, 4, 5, 6, 7, 8, A, B, C, D, E, F, G, H, J, K, or L

"b" = 0, 1, 2, 3, 4, 5, 6, 7, 8, A, B, C, D, E, F, G, H, J, K, or L

"c" = 0, 1, 2, 3, 4, 5, 6, 7, 8, A, B, C, D, E, F, G, H, J, K, or L

"d" = 0, 1, 2, 3, 4, 5, 6, 7, 8, A, B, C, D, E, F, G, H, J, K, or L

"e" = 0, 1, 2, 3, 4, 5, 6, 7, 8, A, B, C, D, E, F, G, H, J, K, or L

"f" = 0, 1, 2, 3, 4, 5, 6, 7, 8, A, B, C, D, E, F, G, H, J, K, or L

"g" = '-', P, C, R or S

'-' = Standard model (nominal voltage)

P = Specific voltage adjustment settings

C = Conformal coating

R = Ruggedized for vibration

S = C + R

"k" = Any alphanumeric character describing customer internal wiring lengths. Where no internal wiring exists and standard IEC appliance inlet is used k=0.

"h" = 0, 2, 4, or 6

0 = Standard model

2 = Reverse fan

4 = Low leakage

6 = 2 + 4

"j" = Any alphanumeric character. Optional. Logistics use only.

UltiMod powerPac Part Numbering System

Part Number = UXz gkhj

UX = all UltiMod powerPac part numbers start with 'UX'

z = 6,4

6 = 6 Slot powerPac

4 = 4 Slot powerPac

g = '-', P, C, R or S '-' = Standard model (nominal voltage)

P = Specific voltage adjustment settings

C = Conformal coating

R = Ruggedized for vibration

S = C + R

k = Any alphanumeric character describing customer internal wiring lengths. Where no internal wiring exists and standard IEC appliance inlet is used k=0.

h = 0, 2, 4 or 6

0 = Standard model

2 = Reverse fan

4 = Low leakage

6 = 2 + 4

j = Any alphanumeric character. Optional. Logistics use only.

UltiMod powerPac Models:

UX4 or UX6

Xgen & UltiMod powerMod Part Numbering System Xga-bcd

"Xg" = all powerMod part numbers start with 'Xg'

"a" = 1, 2, 3, 4, 5, 7, 8, A, B, C, D, E, F, G, H, J, K, or L

-" = Not Used or '-', P, C, R or S

Not Used or '-' = Standard model (see note below)

Additional information (if necessary)



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P = Specific output adjustment settings

C = Conformal coating

R = Ruggedized for vibration

S = C + R

"bcd" = Any three alphanumeric characters. Optional. Logistics use only.

Note: Use '-' to designate standard model when bcd is used. e.g.

Xg4-X03

'-' Not Used when bcd is not Used. e.g. Xg8

Xgen & UltiMod powerMod Models:

Xg1, Xg2, Xg3, Xg4, Xg5, Xg6 (not used), Xg7, Xg8, XgA, XgB, XgC, XgD, XgE, XgF, XgG, XgH, XgJ, XgK, XgL.

Factories:

Flextronics Shah Alam Sdn Bhd

1088, MK6, Tingkat Perusahaan 6, Kawasan Perusahaan Prai IV 13600 Prai Penang
MALAYSIA

DONGGUAN SUPERIOR MANUFACTURING TECHNOLOGY COMPANY LTD

NO 2, 2 OF HONG YE RD N, TANGXIA TOWN, DONGGUAN GUANGDONG 523710
CHINA

DONGGUAN TEAMWISE ELECTRONIC CO LTD

1 AO BEI RD, CROSS XIANG XIN WEST RD, YANTIAN, FENGGANG, DONGGUAN GUANGDONG 523701
CHINA

Ratings:

Xgen Power Supply Series:

Nominal Input: 100-240Vac, 60-50 Hz, 10A (11.5A North America)

See Enclosure 7-06, for detailed Chassis ratings

Xgen powerPac Modules:

XMA Input 100-240Vac, 200W Medical 4.5A Four Slot

XMB Input 100-240Vac, 400W Medical 5.5A Four Slot

XMC Input 100-240Vac, 600W Medical 7.5A Four Slot

XMD Input 100-240Vac, 750W Medical 7.5A Four Slot

XRA Input 100-240Vac, 200W Lo-noise Medical 4.5A Four Slot

XRБ Input 100-240Vac, 400W Lo-noise Medical 5.5A Four Slot

XRC Input 100-240Vac, 600W Lo-noise Medical 7.5A Four Slot

XNA Input 100-240 Vac, 200W Ultra Quiet Medical 4.5A Four Slot

XNB Input 100-240 Vac, 400W Ultra Quiet Medical 5.5A Four Slot

XVA Input 100-240Vac, 400W Medical 7.5A Six Slot

XVB Input 100-240Vac, 700W Medical 9.5A Six Slot

XVC Input 100-240Vac, 1000W Medical 10A (11.5A North America) Six Slot

XVD Input 100-240Vac, 1200W Medical 10A (11.5A North America) Six Slot

XVE Input 100-240Vac, 1340W Medical 10A (14A North America) Six Slot

XZA Input 100-240Vac, 400W Lo-noise Medical 7.5A Six Slot

XZB Input 100-240Vac, 900W Lo-noise Medical 11.5A Six Slot

XZC Input 100-240Vac, 1200W Lo-noise Medical 10A (11.5A North America) Six Slot

XWA Input 100-240Vac, 400W Ultra Quiet Medical 7.5A Six Slot

XWB Input 100-240Vac, 600W Ultra Quiet Medical 9.5A Six Slot

XWC Input 100-240Vac, 800W Ultra Quiet Medical 9.5A Six Slot

See Enclosure 7-07, for detailed powerPac ratings.

Additional information (if necessary)



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UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

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Xgen powerMod Modules:

Xg1 Output 1.5 - 3.6Vdc 50A max 125/100W max
Xg2 Output 3.2 - 6.0Vdc 40A max 200/150W max
Xg3 Output 6.0 - 15.0Vdc 20A max 240/180W max
Xg4 Output 12.0 - 30.0Vdc 10A max 240/180W max
Xg5 Output 28.0 - 58.0Vdc 6A max 288/215W max
Xg6 Not used.
Xg7 Output 5.0 - 28.0Vdc 5A max 120W max
Xg8 Output (Dual) 5/5 - 28/28Vdc 3/3A max 72/72W max
XgA Output 10.8 - 15.6Vdc, 12.5A max, 150W max
XgB Output 19.2 - 26.4Vdc, 8.33A max, 200W
XgC Output 28.8 - 39.6Vdc, 5.56A max, 200W max
XgD Output 38.4 - 50.4Vdc, 4.17A max, 200W max
XgE Output 5.0 - 28.0Vdc, 5A max, 120W max
XgF Output (Dual) 5/5 - 28/28Vdc, 3/3A max, 72/72W max
XgG Output 1.5 - 3.6Vdc, 40A max, 100W max
XgH Output 3.2 - 6.0Vdc, 36A max, 180W max
XgJ Output 6.0 - 15.0Vdc, 18.3A max, 220W max
XgK Output 12.0 - 30.0Vdc, 9.16A max, 220W max
XgL Output 28.0 - 58.0Vdc, 5.0A max, 240W max
See Enclosure 7-08, for detailed powerMod ratings for Xg1-Xg8.

UltiMod Power Supply Series:

Nominal Input: 100-240Vac, 60-50 Hz, 10A (11.5A North America)
See Enclosure 7-06, for detailed Chassis ratings

UltiMod powerPac Modules:

UX4 Input 100-240Vac, 600W Medical 7.5A Four Slot
UX6 Input 100-240Vac, 1200W Medical 10A (11.5A North America)
Six Slot
See Enclosure 7-07, for detailed powerPac ratings.

UltiMod powerMod Modules:

Xg1 Output 1.5 - 3.6Vdc 50A max 125/100W max
Xg2 Output 3.2 - 6.0Vdc 40A max 200/150W max
Xg3 Output 6.0 - 15.0Vdc 20A max 240/180W max
Xg4 Output 12.0 - 30.0Vdc 10A max 240/180W max
Xg5 Output 28.0 - 58.0Vdc 6A max 288/215W max
Xg6 Not used.
Xg7 Output 5.0 - 28.0Vdc 5A max 120W max
Xg8 Output (Dual) 5/5 - 28/28Vdc 3/3A max 72/72W max
XgA Output 10.8 - 15.6Vdc, 12.5A max, 150W max
XgB Output 19.2 - 26.4Vdc, 8.33A max, 200W
XgC Output 28.8 - 39.6Vdc, 5.56A max, 200W max
XgD Output 38.4 - 50.4Vdc, 4.17A max, 200W max
XgE Output 5.0-28.0Vdc, 5A max, 120W max
XgF Output (Dual) 5/5 - 28/28 Vdc, 3/3A max, 72/72W max
XgG Output 1.5 - 3.6Vdc 40A max 100W max
XgH Output 3.2 - 6.0Vdc 36A max 180W max
XgJ Output 6.0 - 15.0Vdc 18.3A max 220W max
XgK Output 12.0 - 30.0Vdc 9.16A max 220W max
XgL Output 28.0 - 58.0Vdc 5.0A max 240W max

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