

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

## CB TEST CERTIFICATE

Product

Component Power Supply

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

DONGGUAN TEAMWISE ELECTRONIC CO LTD  
1 AO BEI RD CROSS XIANG XIN WEST RD YANTIAN,  
FENGGANG DONGGUAN GUANGDONG 523701  
CHINA

Note: When more than one factory, please report on page 2

 Additional Information on page 6

Ratings and principal characteristics

See Page 6-7

Trademark / Brand (if any)

Excelsys



Type of Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

UltiMod Series Part Numbering System,  
Xgen Series Part Numbering System,  
See Page 2-5

Additional information (if necessary may also be reported on page 2)

The report was revised to include technical modifications.

 Additional Information on page 7

A sample of the product was tested and found to be in conformity with

IEC 60950-1:2005/AMD1:2009, IEC 60950-1:2005/AMD2:2013,  
IEC 60950-1:2005

As shown in the Test Report Ref. No. which forms part of this Certificate

E181875-A2-CB-8 issued on 2020-03-10

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](http://www.ul.com/ncbnames)

Date: 2020-03-11

Signature:

Original Issue Date: 2016-02-09

Jan-Erik Storgaard

**Model Details:**

**Xgen Series:**

The Xgen Series comprising powerPacs and powerMods part numbering system.

For 6 slot Xgen units:

Part Number = Xyz abcdef g k h j

For 4 slot Xgen units:

Part Number = Xyz abcd g k h j

X = all part numbers start with 'X'

y = C, F, H, Q or B for 6 slot units

y = L, K or T for 4 slot units

z = A, B, C, D, E or N

A = 200W for L, K, T

A = 400W for C, F, H, Q, B

B = 400W for L, K, T

B = 600W for H, B

B = 700W for C, F

B = 900W for Q

C = 600W for L, K

C = 800W for B

C = 1000W for C, F

C = 1200W for Q

D = 750W for L

D = 1200W for C

E = 1340W for C

N = 1000W for F

a = 0, 1, 2, 3, 4, 5, 7, 8, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R or T.

b = 0, 1, 2, 3, 4, 5, 7, 8, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R or T.

c = 0, 1, 2, 3, 4, 5, 7, 8, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R or T.

d = 0, 1, 2, 3, 4, 5, 7, 8, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R or T.

e = 0, 1, 2, 3, 4, 5, 7, 8, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R or T.

f = 0, 1, 2, 3, 4, 5, 7, 8, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R or T.

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

**Additional information (if necessary)**



UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA

UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK

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Jan-Erik Storgaard

## Model Details:

5 = 1 + 4

6 = 2 + 4

7 = 1 + 2 + 4

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

Xgen powerPac chassis converters part numbering system.

Part Number = Xyz g k h j

X = all part numbers start with 'X'

y = C, F, H, Q or B for 6 slot units

y = L, K or T for 4 slot units

z = A, B, C, D, E or N

A = 200W for L, K, T

A = 400W for C, F, H, Q, B

B = 400W for L, K, T

B = 600W for H, B

B = 700W for C, F

B = 900W for Q

C = 600W for L, K

C = 800W for B

C = 1000W for C, F

C = 1200W for Q

D = 750W for L

D = 1200W for C

E = 1340W for C

N = 1000W for F

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 powerMod plug-in modules part numbering system.

## Additional information (if necessary)



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Date: 2020-03-11

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Signature:

Jan-Erik Storgaard

## Model Details:

Part Number = 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, L, M, N, P, Q, R or T.

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

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

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

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UltiMod Series:

The UltiMod Series comprising powerPacs and powerMods part numbering system.

For 6 slot UltiMod units:

Part Number = UXz abcdef g k h j

For 4 slot UltiMod units:

Part Number = UXz abcd g k h j

UX = all part numbers start with 'UX'

z = 6 or X for 6 slot units

z = 4 or S for 4 slot units

a = 0, 1, 2, 3, 4, 5, 7, 8, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R or T.

b = 0, 1, 2, 3, 4, 5, 7, 8, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R or T.

c = 0, 1, 2, 3, 4, 5, 7, 8, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R or T.

d = 0, 1, 2, 3, 4, 5, 7, 8, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R or T.

e = 0, 1, 2, 3, 4, 5, 7, 8, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R or T.

f = 0, 1, 2, 3, 4, 5, 7, 8, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R or T.

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.

## Additional information (if necessary)



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Jan-Erik Storgaard

## Model Details:

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 chassis converters part numbering system.

Part Number = UXz gkhj

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

z = 6 or X for 6 slot units  
z = 4 or S for 4 slot units

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 powerMod plug-in modules part numbering system

Part Number = 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, L, M, N, P, Q, R or T.

- = Not Used or '-', P, C, R or S  
Not Used or '-' = Standard model (see note below)  
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

**Additional information (if necessary)**

<input type="checkbox"/>	UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
<input checked="" type="checkbox"/>	UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
<input type="checkbox"/>	UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
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Signature:



Jan-Erik Storgaard



Ref. Certif. No.

**DK-51876-M1-UL**

**Factories:**

DONGGUAN SUPERIOR MANUFACTURING TECHNOLOGY COMPANY LTD  
NO 2, 2 OF HONG YE RD N TANGXIA TOWN DONGGUAN GUANGDONG 523710  
CHINA

SHENZHEN WATT ELECTRONICS CO LTD  
BAOAN BRANCH, 5 TUNNEL 1 TANGFANG GARDEN 35 DISTRICT BAO'AN SHENZHEN GUANGDONG 518101  
CHINA

FLEXTRONICS SHAH ALAM SDN BHD  
1088, MK6, TINGKAT PERUSAHAAN 6 KAWASAN PERUSAHAAN PRAI IV 13600 PRAI PENANG  
MALAYSIA

**Ratings:**

**Xgen Power Supply Series:**

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

**Xgen powerPac Models:**

- XCA Input 100-240Vac; 400W Standard 7.5A Six Slot
- XCB Input 100-240Vac; 700W Standard 9.5A Six Slot
- XCC Input 100-240Vac; 1000W Standard 10A (11.5A North America) Six Slot
- XCD Input 100-240Vac; 1200W Standard 10A (11.5A North America) Six Slot
- XCE Input 100-240Vac; 1340W Standard 10A (14A North America) Six Slot
- XFA Input 100-240Vac; 400W High-Rel COTS 7.5A Six Slot
- XFB Input 100-240Vac; 700W High-Rel COTS 9.5A Six Slot
- XFC Input 100-240Vac; 1000W High-Rel COTS 10A (11.5A North America) Six Slot
- XFN Input 100-240Vac; 1000W High-Rel COTS 10A (11.5A North America) Six Slot
- XHA Input 100-240Vac; 400W Standard 7.5A Six Slot
- XHB Input 100-240Vac; 600W Standard 9.5A Six Slot
- XQA Input 100-240Vac; 400W Lo-noise Standard 7.5A Six Slot
- XQB Input 100-240Vac; 900W Lo-noise Standard 10A (11.5A North America) Six Slot
- XQC Input 100-240Vac; 1200W Lo-noise Standard 10A (11.5A North America) Six Slot
- XBA Input 100-240Vac; 400W Ultra Quiet Standard 7.5A Six Slot
- XBB Input 100-240Vac; 600W Ultra Quiet Standard 9.5A Six Slot
- XBC Input 100-240Vac; 800W Ultra Quiet Standard 9.5A Six Slot
- XLA Input 100-240Vac; 200W Standard 4.5A Four Slot
- XLB Input 100-240Vac; 400W Standard 5.5A Four Slot
- XLC Input 100-240Vac; 600W Standard 7.5A Four Slot
- XLD Input 100-240Vac; 750W Standard 7.5A Four Slot
- XKA Input 100-240Vac; 200W Lo-noise Standard 4.5A Four Slot
- XKB Input 100-240Vac; 400W Lo-noise Standard 5.5A Four Slot
- XKC Input 100-240Vac; 600W Lo-noise Standard 7.5A Four Slot
- XTA Input 100-240Vac; 200W Ultra Quiet Standard 4.5A Four Slot
- XTB Input 100-240Vac; 400W Ultra Quiet Standard 5.5A Four Slot

**UltiMod Power Supply Series:**

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

**UltiMod powerPac Modules:**

- UX6 Input 100-240Vac; 1200W Standard 10A (11.5A North America) Six Slot
- UXX Input 100-240Vac; 900W Standard 10A (11.5A North America) Six Slot
- UX4 Input 100-240Vac; 600W Standard 7.5A Four Slot
- UXS Input 100-240Vac; 400W Standard 5.5A Four Slot

**Additional information (if necessary)**



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*Jan Erik Storgaard*

Signature:

Jan-Erik Storgaard

## Xgen &amp; UltiMod powerMod Modules:

Xg1 Output 1.5 - 3.6Vdc 50A max 125W max  
 Xg2 Output 3.2 - 6.0Vdc 40A max 200W max  
 Xg3 Output 6.0 - 15.0Vdc 20A max 240W max  
 Xg4 Output 12.0 - 30.0Vdc 10A max 240W max  
 Xg5 Output 28.0 - 58.0Vdc 6A max 288W 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 max  
 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 5A max 240W max  
 XgM Output 1.0 - 6.0Vdc 40A max 200W max  
 XgN Output 1.0 - 15.0Vdc 20A max 240W max  
 XgP Output 1.0 - 30.0Vdc 10A max 240W max  
 XgQ Output 1.0 - 58.0Vdc 6A max 288W max  
 XgR Output 12.0 - 30.0Vdc 10A max 240W max  
 XgT Output 28.0 - 58.0Vdc 6A max 288W max

## Additional Information:

Additionally evaluated to EN 60950-1:2006/ A11:2009/ A1:2010/ A12:2011/ A2:2013;  
 National Differences specified in the CB Test Report.

The original report was modified to include the following changes/additions:

- Updated CCL table for additional alternate components and correcting typo errors.
- Additional clause added in clause list.
- Updated enclosure.
- Updated factories.

## Additional information (if necessary)



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