Ref. Certif. No.

DK-51876-UL

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE

CERTIFICAT D'ESSAI OC

Product Produit	Component Power Supply
Name and address of the applicant Nom et adresse du demandeur	EXCELSYS TECHNOLOGIES LTD UNIT 27 EASTGATE BUSINESS PARK LITTLE ISLAND, CO CORK Ireland
Name and address of the manufacturer Nom et adresse du fabricant	EXCELSYS TECHNOLOGIES LTD UNIT 27 EASTGATE BUSINESS PARK LITTLE ISLAND, CO CORK Ireland
Name and address of the factory Nom et adresse de l'usine Note: *When more than one factory, please report on page 2* Note: *Lorsque il y plus d'une usine, veuillez utiliser la 2ème page*	DONGGUAN SUPERIOR MANUFACTURING TECHNOLOGY COMPANY LTD NO 2, 2 OF HONG YE RD N TANGXIA TOWN DONGGUAN GUANGDONG 523710 CHINA ☒ Additional Information on page 2
Ratings and principal characteristics Valeurs nominales et caractéristiques principales	See Pages 5-7
Trademark (if any) Marque de fabrique (si elle existe)	Excelsys
Type of Manufacturer's Testing Laboratories used Type de programme du laboratoire d'essais constructeur	
Model / Type Ref. Ref. De type	UltiMod powerPac Part Numbering System, UltiMod powerPac, UltiMod Series Part Numbering System, Xgen & UltiMod powerMod Models, Xgen powerMod Models, Xgen powerPac Part Numbering System, See Pages 2-5
Additional information (if necessary may also be reported on page 2) Les informations complémentaires (si nécessaire,, peuvent être indiqués sur la 2ème page	Additionally evaluated to EN 60950-1: 2006 / A11: 2009 / A1: 2010 / A12: 2011 / A2:2013; National Differences specified in the CB Test Report. ☐ Additional Information on page 2
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	IEC 60950-1(ed.2), IEC 60950-1(ed.2);am1, IEC 60950-1(ed.2);am2
As shown in the Test Report Ref. No. which forms part of this Certificate Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat	E181875-A2-CB-8 issued on 2016-02-08

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

☐ 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: 2016-02-09

Signature:

Jan-Erik Storgaard

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

SHENZHEN WATT ELECTRONICS CO LTD
BAOAN BRANCH, 5 TUNNEL 1 TANGFANG GARDEN 35 DISTRICT BAO'AN SHENZHEN GUANGDONG 518100
CHINA

Models:
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

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

- ☐ 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: 2016-02-09

Signature:
Jan-Erik Storgaard

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 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

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

- ☐ 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: 2016-02-09

Signature:

Jan-Erik Storgaard

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.
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

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

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

- ☐ 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: 2016-02-09

Signature:

Jan-Erik Storgaard

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 chassis converters part numbering system.
Part Number = UXz gkhj
UX = all UlitMod 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

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

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

☐ 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: 2016-02-09

Signature:
Jan-Erik Storgaard

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
Xgen & 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

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

- ☐ 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: 2016-02-09

Signature:

Jan-Erik Storgaard

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 (if necessary)
Information complémentaire (si nécessaire)

- ☐ 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: 2016-02-09

Signature:

Jan-Erik Storgaard