

EU REACH Disclosure:

209 Substances of Very High Concern Considered



Excelsys Xgen Series

AC/DC Power Supplies

85 - 264 VAC universal input, 4 & 6 slot modular DC output, 72W to 1340W max.

All options: ITE, medical, low-leakage

Issued: August 13, 2020

REACH: Registration, Evaluation, Authorization and Restriction of Chemicals
Regulation (EC) No. 1907/2006

REACH is the European Union's chemical substances regulatory framework.

Excelsys, an Advanced Energy company, does not produce chemical substances or mixtures but does manufacture electrical and electronic equipment that might contain REACH substances in component parts of the final product.

Article 33 of REACH requires manufacturers to inform customers of Substances of Very High Concern (SVHCs) when contained in component parts of their product at concentrations above 0.1% by weight. SVHCs are listed in the Authorization Candidate list of Annex XIV. Sufficient SVHC information must be provided to the customer to allow for safe use.

Article 67 of REACH describes restricted substances that manufacturers are limited or banned from being placed on the market, as detailed in the Restricted Substances List in Annex XVII.

Based on information from component part manufacturers, suppliers, third-party databases, and review of each individual component part within this product, Excelsys, an Advanced Energy company discloses the following:

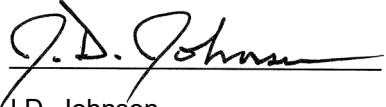
Article 67 Disclosure:

Products listed **DO NOT contain** any Restricted Substances per Article 67, as listed in Annex XVII.

Article 33 Disclosure:

Products listed **contain** at least one SVHC in Candidate List of Annex XIV above concentration of 0.1%:

SVHC Name	CAS Number	Location & Safe Use
Lead	7439-92-1	SVHCs listed are in various electronic components of this product and DO NOT present hazards to humans or the environment under normal handling and use. Do not cut open or crush components.
Lead Monoxide (Lead Oxide)	1317-36-8	
Boric Acid	1301-86-2	
4,4'-isopropylidenediphenol (BPA, Bisphenol A)	80-05-7	

REACH review of product conducted under the following conditions:	European Chemicals Agency (ECHA) SVHC candidate list:	June 25, 2020 publication date:	209 SVHCs
Authorized by:	Type of product manufactured, per REACH definition:	Complex article assembled from many component articles, electrical & electronic equipment	
 J.D. Johnson Environmental Compliance Manager	Subject to REACH Article 7, ECHA registration ?:	No, substances in articles < 1 tonne per year No, substances not intended to be released	
	SVHC concentration of > 0.1%, calculation method:	SVHC weight divided by weight of part containing SVHC, per European Court of Justice ruling	

Manufactured by Excelsys Technologies Ltd., an Advanced Energy Company
27 Eastgate Business Park | Little Island, Cork | Ireland | +353.0.21.4354716

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Advanced Energy Industries, Inc.

1625 Sharp Point Drive | Fort Collins, CO 80525 | USA | +1 970 221 4670 | advanced-energy.com

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Product Declared Compliant: Xgen Series Power Supplies

Xgen configured power supply numbering system: X = all part numbers start with 'X'

Part Number = Xyz abcdef g k h j For 6 slot Xgen units
Part Number = Xyz abcd g k h j For 4 slot Xgen units

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

y = L, M, K, R, T or N, for 4 slot units

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

A = 200W for L, M, K, R, T, N
A = 400W for C, F, V, H, Q, Z, B, W
B = 400W for L, M, K, R, T, N
B = 600W for H, B, W
B = 700W for C, F, V
B = 900W for Q, Z
C = 600W for L, M, K, R
C = 800W for B, W
C = 1000W for C, F, V
C = 1200W for Q, Z
D = 750W for L, M
D = 1200W for C, V
E = 1340W for C, V
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.

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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.

Accessories: XP1 (Parallel Link); XS1 (Series Link); XE1 (IEC to Screw adaptor)

Product Declared Compliant: powerMod modules, for Xgen Power Supplies

powerMod plug-in modules part numbering system

Part Number = Xga

Xg = all powerMod part numbers start with 'Xg'

a = 0 - 8, A - T

Type of powerMod module:

0 = empty slot
1 = Xg1 powerMod
2 = Xg2 powerMod
3 = Xg3 powerMod
4 = Xg4 powerMod
5 = Xg5 powerMod

7 = Xg7 powerMod
8 = Xg8 powerMod

A = XgA powerMod
B = XgB powerMod
...to...
T = XgT powerMod