

# EU REACH Disclosure

219 Substances of Very High Concern Considered



**Excelsys UltiMod Series**  
**AC/DC Power Supplies - all options**  
**100 - 240 VAC universal input**  
**4 or 6 slot modular output, 600W or 1200W max.**

Issued: August 4, 2021

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

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

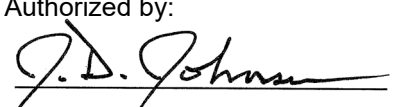
Excelsys Technologies, an Advanced Energy company, does not produce chemical substances or mixtures but does manufacture electrical and electronic equipment that might contain REACH substances in component parts of the final product.

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. The REACH Candidate List of SVHCs is published online by the European Chemical Agency (ECHA). Sufficient SVHC information must be provided to the customer to allow for safe use.

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:

**Product listed contains at least one SVHC in REACH Candidate List 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. |
| Boron oxide (Diboron trioxide)                 | 1303-86-2  |   |
| 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: | July 8, 2021 publication date:  | 219 SVHCs |
| Authorized by:   | Type of product manufactured, per REACH definition:   | Complex article assembled from many component articles, electrical & electronic equipment   |           |
|  | Subject to REACH Article 7, ECHA registration ?:      | No, substances in articles < 1 tonne per year<br>No, substances not intended to be released |           |
| J.D. Johnson<br>Environmental Compliance Manager                                   | SVHC concentration of > 0.1%, calculation method:     | SVHC weight divided by weight of part containing SVHC, per European Court of Justice ruling |           |

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## Product Declared Compliant:      **UltiMod Series**

Part Number = UXz abcdef g k h j      for 6 slot units

Part Number = UXz abcd g k h j      for 4 slot units

UX = all part numbers start with 'UX'

z = 6, X or D 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.

h = 0, 2, 4 or 6      0 = Standard model  
2 = Reverse fan  
4 = Low leakage  
6 = 2 + 4

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

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

**Product Declared Compliant: powerMod modules, for UtilMod 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