

# EU REACH Disclosure:

219 Substances of Very High Concern Considered



## Excelsys CoolX Series CoolX600, CoolX1000, CoolX1800 AC/DC Power Supplies

100 - 240 VAC universal input, 4 & 6 slot modular DC output, 600W, 1000W, 1800W max.  
All options: ITE, medical, low-leakage, aux output

Issued: August 19, 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:

**Products listed contain 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.
Lead Monoxide (Lead Oxide)	1317-36-8	
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	
 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	

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**Product Declared Compliant: CoolX Series Power Supplies**

CoolX configured power supply part numbering system:

Part Number = CXabc-uvwxyz-defgh      CX = all CoolX part numbers start with 'CX'

ab = 06, 10, 18

CoolPac cabinet with AC input, slots for CoolMods:

06 = 600W output - with 4 slots, no cooling fan

10 = 1000W output - with 6 slots, no cooling fan

18 = 1800W output - with 6 slots, variable speed fan

c = S or M

S = ITE/Industrial product

M = Medical product

u, v, w, x, y, z =  
0, #, or A - Z

CoolMod plug-in DC output modules starting with Cm:

0 = Unpopulated slot

# = Unavailable slot (due to multi-slot module in neighboring slot)

A = CmA

E = CmE

B = CmB

F = CmF

C = CmC

G = CmG

D = CmD

H = CmH

d = N, C, S, P, or X

N = Standard model (Unconfigured)

C = Conformal Coating

S = Ruggedised, including conformal coating

P = Configured

X = Internal use only

e = '-', 0 - 9 or A - Z

'-' = Screw Terminal (Standard), normal leakage

1 = IEC Terminal

2 = Screw Terminal, Reverse Fan

3 = IEC Terminal, Reverse Fan

4 = Screw Terminal, Low Leakage

5 = IEC Terminal, Low Leakage

6 = Screw Terminal, Low Leakage, Reverse Fan

7 = IEC Terminal, Low Leakage, Reverse Fan

A - Z = Other connector options (cables etc.)

f = A or B

A = 12V Aux output (standard)

B = 5V Aux output

