

EU REACH Disclosure:

209 Substances of Very High Concern Considered



Excelsys Xsolo
Ultra-Compact Single Output
AC/DC Power Supply
 85 - 264 VAC universal input, all versions
 24, 36, or 48 VDC output, 500 or 1000 Watts max.

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:

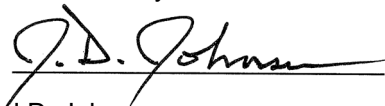
Article 67 Disclosure:

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	
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	

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Product Declared Compliant: Xsolo Series Power Supplies

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

Xab-cdefgh where:

a = S to denote Xsolo

b = 1000 or 500
1000 = 1008W output;
500 = 504W output

c = 24, 36 or 48 (denoting nominal output voltage)

d = N; P or any alphanumeric character used to denote output voltage
N = Nominal output voltage;
P = Pre-set output voltage

e = '-'; C; R or S where:
'-' = standard model;
C = Conformally Coated;
R = Ruggedized;
S = C + R

f = Any alphanumeric character describing customer internal wiring lengths.
Where no internal wiring exists and Screw Terminal Barrier Block only is used, f = 0.

g = 00 to 11, where:
00 = no options
01 = I2C/PM Bus
02 = OR-Ing function
03 = 1 + 2
04 = Low leakage
05 = 1 + 4
06 = 2 + 4
07 = 1 + 2 + 4

h = Optional. Any alphanumeric character (for logistic use only).