

Excelsys CoolX3000 Series

C3S = Standard or CM 3 = Medical

AC / DC Power Supplies

Issued: October 25, 2024

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

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

Advanced Energy 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.

Article 67 of REACH describes restrictions on the manufacture, placing on the market, and uses of certain substances on the Restricted Substances List in Annex XVII.

POPs Regulation (EU) 2024/2555 and (EU) 2024/2570 prohibits or severely restricts the production and use of Persistent Organic Pollutants (POPs) in products being placed on the market per the Stockholm Convention and Aarhus Protocol.

Based on information from component part manufacturers, Advanced Energy declares the following:

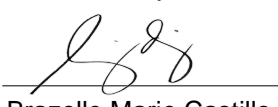
Article 67 Declaration:

Products listed DO NOT contain any Restricted Substances in REACH Annex XVII or POPs Regulation.

Article 33 Declaration:

Products listed contain these SVHC(s) in the REACH Candidate List above concentration of 0.1%.

SVHC Name	CAS Number	Content Concentration	Location of SVHC's
Lead	7439-92-1	> 0.1%	Various locations
4,4'-sopropylidenediphenol (BPA, Bisphenol A)	80-05-7	> 0.1%	Various locations

REACH review of product conducted under the following conditions:	European Chemicals Agency (ECHA) SVHC candidate list:	publication date: June 27, 2024	241 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	
	SVHC concentration of > 0.1%, calculation method:	No, substances not intended to be released	
Brazelle Marie Castillo Materials Compliance Engineer		SVHC weight divided by weight of part containing SVHC, per European Court of Justice ruling	

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Product Declared Compliant: CoolX3000 Series Power Supplies

CoolX3000 configured power supply part numbering system:

Part Number = C3ajklmnpuvwxyzbcd C3 = all CoolX3000 part numbers start with 'C3'

	<u>CoolPac cabinet with AC input, slots for CoolMods:</u>			
a = S or M	S = Standard product M = Medical product			
	<u>CoolMod plug-in DC output modules starting with Cm:</u>			
j, k, l, m, n, p = Unit A	0 = Unpopulated slot			
u, v, w, x, y, z = Unit B	# = Unavailable slot (due to multi-slot module in neighboring slot)			
Slots j, k, l, m, n, p,	A = CmA	E = CmE	M = CmH	
u, v, w, x, y, z =	B = CmB	F = CmF	N = CmN	
Contain 0, #, A, B, C, D,	C = CmC	G = CmG	P = CmP	
E, F, G, H, M, ,N, P, Q	D = CmD	H = CmH	Q = CmQ	
b = N, P, or X	N = Standard model (Unconfigured) P = Configured X = Internal use only			
c = A or B	A = 12V Aux output (standard) B = 5V Aux output			
d = Optional	Any alphanumeric character. Logistics use only.			
g = Not used, '-', or A-Z	Not used = Standard model, end of part number (h is not used) '-' = Standard model with h options (- used when h is used) A-Z = Reserved for internal use (not standard software variants) L = Cover, not standard			
h = Optional	Any alphanumeric character. Logistics use only.			

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Product Declared Compliant: CoolMod modules, for CoolX3000 Power Supplies

CoolX CoolMod plug-in modules part numbering system

Part Number = Cma-bcd Cm = all CoolMod part numbers start with 'Cm'

a = A – Q

Type of CoolMod module:

Standard, High power, Dual Output, or Wide Trim

See Note below

'-' = Not used, '-' ,
P, C, or S

Not used = Standard model, end of part number (bcd is not used)

'-' = Standard model with bcd options (- used when bcd is used)

P = Specific output adjustment settings

C = Conformal Coating

S = Ruggedised, including conformal coating

bcd = Optional

Any three alphanumeric characters.

Logistics use only.

Note: Use '-' to designate standard model when bcd is used. Example: CmB-X03

Not used when bcd is not used, end of part number. Example: CmB