

EU REACH Declaration

251 Substances of Very High Concern Considered



SL Power NGB250S48K **Power Supply Green**

Issued: February 20, 2026

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:

Product listed **DOES NOT contain** any Restricted Substances in REACH Annex XVII or POPs Regulation.

Article 33 Declaration:

Product listed **contains** these SVHC(s) in the REACH Candidate List above concentration of 0.1%.

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Name of SVHC substance	CAS NO.	Content concentration (%)	Location/s (which component contain)
Melamine	108-78-1	0.13%	Solder resist ink used in printed wiring board
Triphenyl phosphate	115-86-6	0.20%	Epoxy resin used in capacitor
Diboron trioxide	1303-86-2	0.12% - 0.75%	Glass part in capacitor, resistor and suppressor
Lead monoxide (lead oxide)	1317-36-8	0.10% - 14.63%	Resistive layer in resistors, silicon wafer in rectifiers, glass tube used in suppressor
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.13% - 0.52%	Solder mask resin used in printed wiring board
Lead	7439-92-1	0.18% - 11.92%	SnPbAg die attach solder used in diodes, rectifiers and transistors
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	0.46%	Epoxy resin encapsulation used in transistor
1,1'-(ethane-1,2-diyl)bis[pentabromobenzene] (DBDPE)	84852-53-9	1.82% - 25.00%	Epoxy encapsulation in capacitors; PE tubing

REACH review of product conducted under the following conditions:	European Chemicals Agency (ECHA) SVHC candidate list:	Publication date: November 5, 2025	251 SVHCs
Authorized by:  Lilbeth Cansancio Materials Compliance Engineer	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 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	