

# **EU REACH Declaration**

240 Substances of Very High Concern Considered



## **SL Power NGB250S12K**

**Power Supply Green**

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**Issued: May 10, 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.

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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) 2019/1021 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.

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**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%.

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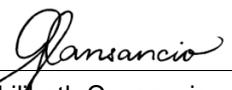
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Name of SVHC substance	CAS NO.	Content concentration (%)	Location/s (which component contain)
Diboron trioxide	1303-86-2	0.12% - 0.73%	Glass part used in capacitors, in suppressors and in resistors
Lead monoxide (lead oxide)	1317-36-8	0.25%	Silicon chip used in diode
		0.10% - 14.63%	Glass part used in resistor and in suppressor
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.52%	Solder mask resin used printed wiring board
Lead	7439-92-1	0.18% - 11.92%	As SnPbAg die attach solder used in diodes and in transistors
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	0.46%	Epoxy resin encapsulation in transistors

REACH review of product conducted under the following conditions:	European Chemicals Agency (ECHA) SVHC candidate list:	January 23, 2024 publication date:	240 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	