



Declaration of Conformance

EU RoHS Directive - China RoHS - EU REACH - California Prop 65

The following declaration meets or exceeds the requirements of: the European Union RoHS Directive (2002/95/EC, 2011/65/EU, EU 2015/863), the European Union Regulation (EC) 1907/2006, the Ministry of Information Industry Order #39 of the Peoples Republic of China and the US California Proposition 65: Safe Drinking Water & Toxic Enforcement Act of 1986.

SECTION I - PRODUCTS COVERED IN THIS DECLARATION

PRODUCT: Inspired Energy Battery Packs

Model	Ratings	Model	Ratings	Model	Ratings
L02Dxxxx	7.2V, <24Wh, <10A	ND2053xxxx	3.6V, <49Wh, <10A	Ni3020xxxx	10.8V, <94Wh, <10A
L03Dxxxx	10.8V, <37Wh, <10A	ND2054xxxx	14.4V, <49Wh, <10A	NL2020xxxx	10.8V, <97Wh, <10A
L04Dxxxx	14.4V, <49Wh, <10A	ND2057xxxx	7.2V, <49Wh, <10A	NL2024xxxx	14.4V, <97Wh, <10A
L06Dxxxx	10.8V, <73Wh, <10A	ND3034xxxx	14.4V, <49Wh, <10A	NL2044xxxx	14.4V, <97Wh, <10A
L07Dxxxx	25.2V, <86Wh, <4A	ND3037xxxx	7.2V, <49Wh, <10A	NL2050xxxx	10.8V, <97Wh, <10A
L08Cxxxx	14.4V, <98Wh, <10A	ND3054xxxx	14.4V, <49Wh, <10A	NL2054xxxx	14.4V, <97Wh, <10A
L08Dxxxx	14.4V, <98Wh, <10A	ND3057xxxx	7.2V, <49Wh, <10A	PB3037xxxx	7.2V, <21Wh, <8A
L09Cxxxx	10.8V, <94Wh, <10A	ND4054xxxx	14.4V, <72Wh, <8A	PD3074xxxx	14.4V, <72Wh, <12A
L12Dxxxx	14.4V, <97Wh, <10A	ND4057xxxx	7.2V, <72Wh, <8A	PD3077xxxx	7.2V, <72Wh, <20A
L16Dxxxx	14.4V, <98Wh, <10A	NE4068xxxx	18V, <90Wh, <8A	PE4068xxxx	18.0V, <90Wh, <8A
NB2037xxxx	7.2V, <24Wh, <10A	NF2030xxxx	10.8V, <73Wh, <10A	PH2054xxxx	14.4V, <98Wh, <20A
NB3037xxxx	7.2V, <24Wh, <10A	NF2040xxxx	10.8V, <73Wh, <10A	PH2059xxxx	28.8V, <98Wh, <10A
NB4033xxxx	3.6V, <36Wh, <10A	NF2047xxxx	7.2V, <73Wh, <10A	PH3054xxxx	14.4V, <58Wh, <20A
NB4037xxxx	7.2V, <36Wh, <8A	NF3040xxxx	10.8V, <73Wh, <10A	PH3059xxxx	28.8V, <98Wh, <20A
NC2040xxxx	10.8V, <37Wh, <10A	NH2034xxxx	14.4V, <98Wh, <10A	RH2024xxxx	14.4V, <98Wh, <10A
NC2560xxxx	10.8V, <22Wh, <2A	NH2054xxxx	14.4V, <98Wh, <10A	RH2044xxxx	14.4V, <98Wh, <10A
NC3040xxxx	10.8V, <37Wh, <10A	NH2057xxxx	7.2V, <98Wh, <12A	RH2054xxxx	14.4V, <98Wh, <10A
NC4040xxxx	10.8V, 4Wh, <8A	NH3054xxxx	14.4V, <98Wh, <10A	RH3024xxxx	14.4V, <98Wh, <10A
ND2017xxxx	7.2V, <49Wh, <3A	NH3057xxxx	7.2V, <98Wh, <10A	Ri3020xxxx	10.8V, <98Wh, <10A
ND2034xxxx	14.4V, <49Wh, <10A	Ni2020xxxx	10.8V, <94Wh, <10A	Ri2050xxxx	10.8V, <98Wh, <10A
ND2037xxxx	7.2V, <49Wh, <10A	Ni2040xxxx	10.8V, <94Wh, <10A	SJ3008xxxx	18.0V, <96Wh, <20A

Where "xxxx" indicates all different custom & standard model variants identified by alphanumeric suffixes.

PRODUCT: Inspired Energy Battery Chargers

MODELS: CH1000X, CH4000X, CH5000X, CH7000X, CH7100X, CH1010X, CH4040X, CH5050X, CH7070X, CH7171X, CH1111X, CH4444X, CH5444X, CH5544X, CH5555X, CH6444X, CH6544X, CH6555X, CR03H205X, PH1000X, PH4000X, PH5000X, PH1111X, SH4040X, SH5050X, SH7070X (where "X" = A, E, U, CAL, ACCU, X, ZM, or any other alphabetic suffix); BCX, MCX, EB1XX, EB2XX, EB3XX, EB4XX, EB5XX (where "X" can be any alphanumeric/ numeric suffix)

Maximum Input Voltage: 10-38VDC, depending on model
Maximum Input Current: 0-8A, depending on model
Maximum Charge Output Voltage: 34VDC
Maximum Charge Output Current: 4.0A

Charging Method: Smart Charger System (SCS) compatible, Level 3, SMBus charger providing a current limited constant voltage charge as requested by a Smart Battery Data Specification (SBDS) compliant Battery.

PRODUCT: Inspired Energy Accessories and Assemblies (Excludes charger power supply 599xxx)¹

MODEL: 551006, 551007, 551008, 610005, 610007, 610018, 619017, 619039, 619040, 619043, 619085, 619091, 619095, 629010, 629010A1, 629011, 629011A1, 629028, 629028A1, 629030, 629030A1, 629035, 629035A1, 629041, 629041A1, 629080, 629080A1, 629088, 629088A1, 629102, 629102A1, 629103, 629103A1, 629104, 629104A1, 629105, 629105A1, 906001, 935004, 936096, 936097, 936098, 936140, 936143, 936186, 936187, 936188, 936192, 936238, 936293, 936294, 936295, 936296, 936297, 936298, BL237A, EB033, MC20402, MP20401, MC20501, MP20501.

SECTION II - MANUFACTURER INFORMATION

Company Name: Inspired Energy LLC.
 Company Address: 25440 NW 8th Place
 Newberry, FL 32669 USA
 Domestic: 1-888-5-Inspire (546-7747)
 International: +1-352-472-4855
 Fax Number: 1-352-472-4859
 Date of Declaration: March 4, 2024

SECTION III - CONFORMANCE INFORMATION

EU RoHS

The RoHS, RoHS 2 Amendment & RoHS 3 directives specifically do not apply to batteries as they are covered under the EU Battery Directive (2013/56/EU). While batteries and battery packs are exempt from the requirements of the RoHS directive, Inspired Energy is committed to eliminate the use of these RoHS substances from our products.

We Inspired Energy hereby declare that our manufactured products indicated above are currently in compliance with EU directives 2002/95/EC, 2011/65/EU, and 2015/863 with respect to the *Restricted Substances and Limits* table below.

RoHS Restricted Substances and Limits				
No	Substance	MCV (ppm)	MCV (%)	Amount found in Inspired Energy Products
1	Cadmium (Cd)	<100	<0.01	0%
2	Lead (Pb)	<1000	<0.1	0%
3	Mercury (Hg)	<1000	<0.1	0%
4	Hexavalent Chromium (Cr ⁶⁺ , CrVI)	<1000	<0.1	0%
5	Polybrominated Biphenyls (PBB)	<1000	<0.1	0%
6	Polybrominated Diphenyl Ethers (PBDE)	<1000	<0.1	0%
7	Bis (2-ethylhexyl) Phthalate (DEHP)	<1000	<0.1	0%
8	Benzyl Butyl Phthalate (BBP)	<1000	<0.1	0%
9	Dibutyl Phthalate (DBP)	<1000	<0.1	0%
10	Diisobutyl Phthalate (DIBP)	<1000	<0.1	0%

¹ See IE Charger Accessory Power Supply – REACH and RoHS Declaration

Considerations

Batteries are specifically not covered by the RoHS Directive. The Technical Adaptation Committee (TAC) under the WEEE and RoHS Directives concluded in their December 17, 2003 meeting that batteries were not covered by either Directive.

Please refer to the EU commission WEEE FAQ 1.9 for reference:

https://ec.europa.eu/environment/waste/pdf/faq_weee.pdf

China RoHS Compliance Declaration:

部分名稱 Part Name	有害物質 Hazardous Substances						
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六价铬 Hexavalent Chromium (Cr 6)	多溴联苯 Polbrominated Biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)	中國 環保使用期限 China EFUP
板 PCB Boards	0	0	0	0	0	0	
外殼 Enclosures	0	0	0	0	0	0	
鋰離子電池 Lithium Ion Cells	0	0	0	0	0	0	
線 Wire	0	0	0	0	0	0	
液晶显示器 LCD	0	0	0	0	0	0	
背帶 Straps	0	0	0	0	0	0	
標籤 Labeling	0	0	0	0	0	0	

本表格依据 SJ/T 11364 的规定编制。

This form has been prepared in compliance with the provisions of SJ/T 11364.

O : 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。

O: Indicates that the content of said hazardous substance in all of the homogenous materials in the component is within the limits required by GB/T 26572.

X : 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。此表中所有名称中含“X”的部件均符合欧盟 RoHS 立法。

X: Indicates that the content of said hazardous substance exceeds the limits required by GB/T 26572 in at least one homogenous material in the component.

EU REACH Compliance Declaration:

The above-referenced products are manufactured and packaged by Inspired Energy fully comply with the related requirements of European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH):

- Under the structure of the REACH regulation, Inspired Energy is a manufacture of “Articles” to our EU customers (according to ECHA’s guidance for articles, the electronic components shall be considered as articles). We do not manufacture “substances” or “preparations” and our articles do not involve the “intentional release of substances”. Accordingly, there is no need for registration or an authorization requirement for the products we supply.
- Requirements of Article 33 of REACH: Duty to communicate information on substances in articles. We declare that no products listed above contain greater than 0.1% of Substances of Very High Concern (SVHC List of 240 substances under Annex XVII published January 2024)
- Requirements of Article 67 of REACH: A substance on its own, in a preparation or in an article, for which Annex XVII, contains a restriction shall not be manufactured, placed on the market or used unless it complies with the conditions of that restriction. We declare that none of the substances in the conditions of restriction are present in Inspired Energy’s products.

California Proposition 65 Declaration:

The above-referenced products are manufactured and packaged by Inspired Energy with the intent to maintain our regulatory compliance efforts as we continue to monitor potential safety, health, and environmental impact of using our products.

- Lithium Ion Batteries manufactured by Inspired Energy can expose you to Nickel which is known to cause cancer and birth defects or reproductive harm. See our [Lithium-Ion Safety Data Sheet](#) under section XV Regulatory Information for additional information and warnings.
- Nickel-Metal Hydride Batteries Manufactured by Inspired Energy can expose you to Carbon Black, Nickel and Nickel Hydroxide which is known to cause cancer and birth defects or reproductive harm. See our [Nickel-Metal Hydride Safety Data Sheet](#) under section XV Regulatory Information for additional information and warnings.

With proper handling and care, Inspired Energy Batteries should carry little risk of exposure to the above listed chemical. Please see the above-mentioned data sheets found on our website for additional information on handling and storage as well as safety and first aid measures in the case of an exposure.

Signed: *Joseph P. Michael*

Joseph Michael - Technical Marketing Manager 5/30/2024

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