

电动平衡车/滑板车及电动助力自行车

全面质量保障服务

Intertek天祥集团是全球领先的全面质量保障服务机构。凭借在全球100多个国家的1,000多家实验室和分支机构，Intertek致力于以创新和定制的保障、测试、检验和认证解决方案，为客户的运营和供应链带来全方位的安心保障。

Intertek可针对以下全球标准提供电动助力自行车、电动滑板车等产品的整车及零部件测试服务产品安全测试，或根据客户需求定制独一无二的短出行工具解决方案。



| 电动助力自行车 | |
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| 欧盟市场 | 测试标准EN 15194 |
| | 电动自行车零部件功能安全评估ISO 13849-1 |
| | CE指令 (包括MD、EMC、RED) |
| | 充电器: CE指令 (包括LVD、EMC、RoHS) |
| | 电池相关安全要求EN 62133 |
| | WEEE指令 (废弃电子电气设备指令) |
| | REACH法规附录XVII限制物质测试 |
| | RoHS指令有害物质含量测试 |
| | 电池指令2006/66/EC重金属含量测试 |
| | POPs法规持久性有机污染物含量测试 |
| | SVHC高度关注物质含量测试 |
| | 包装指令94/62/EC重金属测试 |
| | EN 71-3:2019+A1:2021特定元素的迁移 (针对儿童玩具) |
| 玩具安全指令2009/48/EC附录II附件C化学测试 (针对儿童玩具) | |
| CE证书 | |
| 美国及加拿大市场 | 技术法规: CPSC 16 CFR 1512 |
| | 整车标准: UL 2849 |
| | 美国能效: CEC、DOE |
| | 加拿大能效: NRCAN |
| | 充电器: UL 1310 |
| | 电池: UL 2271、UL 2580 |
| | ASTM F963重金属测试 (针对儿童玩具) |
| | 16 CFR 1307邻苯二甲酸酯含量测试 (针对儿童玩具) |
| | 16 CFR 1303油漆中的铅含量测试 |
| | 美国公共法104-142电池汞含量测试 |
| | 美国加州65提案适用化学测试 |
| | 美国TPCH包装材料中的有毒物质法令 |
| | 加拿大玩具法规(SOR/2011-17)化学测试 (针对儿童玩具) |
| | 加拿大邻苯二甲酸酯法规(SOR/2016-188)邻苯二甲酸酯含量测试 |
| | 加拿大消费品含铅法规(SOR/2018-83)总铅含量测试 |
| 加拿大IC认证 | |
| 美国FCC无线通讯认证 | |

| 电动滑板车 | |
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| 欧盟市场 | EN 17128 |
| | EN ISO 12100 |
| | CE指令: MD、EMC、RED、RoHS |
| | 电池测试: EN 62133 |
| | 充电器: CE指令 (包括LVD、EMC、RoHS) |
| | REACH法规附录XVII限制物质测试 |
| | RoHS指令有害物质含量测试 |
| | 电池指令2006/66/EC重金属含量测试 |
| | POPs法规持久性有机污染物含量测试 |
| | 包装指令94/62/EC |
| | SVHC高度关注物质含量测试 |
| | EN 71-3:2019+A1:2021特定元素的迁移 (针对儿童玩具) |
| | 玩具安全指令2009/48/EC附录II附件C化学测试 (针对儿童玩具) |
| WEEE指令 (废弃电子电气设备指令) | |
| RED 无线通信认证 | |
| CE证书 | |
| 美国及加拿大市场 | 电动滑板车: UL 2272、ASTM F2641 & ASTM F2642 |
| | ASTM F963重金属测试 (针对儿童玩具) |
| | 16 CFR 1307邻苯二甲酸酯含量测试 (针对儿童玩具) |
| | 16 CFR 1303油漆中的铅含量测试 |
| | 美国公共法104-142电池汞含量测试 |
| | 美国加州65提案适用化学测试 |
| | 美国TPCH包装材料中的有毒物质法令 |
| | 加拿大玩具法规(SOR/2011-17)化学测试 (针对儿童玩具) |
| | 加拿大邻苯二甲酸酯法规(SOR/2016-188)邻苯二甲酸酯含量测试 |
| | 加拿大消费品含铅法规(SOR/2018-83)总铅含量测试 |
| | 美国FCC无线通讯认证 |
| | 加拿大IC认证 |
| | 加拿大能效NRCAN |
| | 美国能效: CEC、DOE |
| | 充电器: UL 1310 |
| 电池: UL 2271、UL 2580 | |



认证标识及证书

产品成功通过测试后，我们能够提供下列认证证书

CE证书; ETL证书; Tick标志(Tick mark); 性能鉴定



了解更多信息请联系

E-Scooters / Electrically Power Assisted Cycles

TOTAL QUALITY ASSURANCE SERVICE

Intertek is a leading Total Quality Assurance provider to industries worldwide. Our network of more than 1,000 laboratories and offices in more than 100 countries, delivers innovative and bespoke Assurance, Testing, Inspection and Certification solutions for our customers' operations and supply chains. Intertek can provide safety testing services for Electrically Power Assisted Cycles and E-Scooters according to national standards as below, as well as tailored solutions according to your needs.

Electrically Power Assisted Cycles

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| EU market | Test standard EN 15194 |
| | Safety functions assessment on parts of electrically power assisted cycles ISO 13849-1 |
| | CE Marking Directives (including MD, EMC, RED) |
| | Chargers: CE Marking Directives (including LVD, EMC, RoHS) |
| | Safety requirements for cells and batteries EN 62133 |
| | WEEE Directive (Directive on Waste Electrical and Electronic Equipment) |
| | REACH Regulation Annex XVII restricted substances test |
| | RoHS Directive hazardous substances content test |
| | Battery Directive 2006/66/EC heavy metals content test |
| | POPs Regulation persistent organic pollutants content test |
| | SVHC (Substances of Very High Concern) content test |
| | Packaging Directive 94/62/EC heavy metals content test |
| | EN 71-3:2019+A1:2021 Migration of certain elements (for toys) |
| Toy Safety Directive 2009/48/EC Annex II Appendix C chemical test (for toys) | |
| CE certificate | |
| US market and Canada market | Technical regulations: CPSC 16 CFR 1512 |
| | Product standard: UL 2849 |
| | US Energy Efficiency: CEC, DOE |
| | Canada Energy Efficiency: NRCan |
| | Chargers: UL 1310 |
| | Batteries: UL 2271, UL 2580 |
| | ASTM F963 heavy metals test (for toys) |
| | 16 CFR 1307 Phthalates content test (for toys) |
| | 16 CFR 1303 Lead (Pb) content in paints |
| | US Public Law 104-142 Mercury (Hg) content in batteries |
| | US California Proposition 65 applicable chemical tests |
| | US TPCP (Model Toxics in Packaging Legislation) |
| | Canada Toys Regulations (SOR/2011-17) chemical tests (for toys) |
| Canada Phthalates Regulations (SOR/2016-188) phthalates content test | |
| Canada Consumer Products Containing Lead Regulations (SOR/2018-83) total lead content test | |
| Canada IC Certification | |
| US FCC Certification on wireless communication equipment and systems | |



E-Scooters

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| EU market | EN 17128 |
| | EN ISO 12100 |
| | CE Marking Directives: MD, EMC, RED, RoHS |
| | Test on cells and batteries: EN 62133 |
| | Chargers: CE Marking Directives (including LVD, EMC, RoHS) |
| | REACH Regulation Annex XVII restricted substances test |
| | RoHS Directive hazardous substances content test |
| | Battery Directive 2006/66/EC heavy metals content test |
| | POPs Regulation persistent organic pollutants content test |
| | Packaging Directive 94/62/EC |
| | SVHC (Substances of Very High Concern) content test |
| | EN 71-3:2019+A1:2021 Migration of certain elements (for toys) |
| | Toy Safety Directive 2009/48/EC Annex II Appendix C chemical test (for toys) |
| WEEE Directive (Directive on Waste Electrical and Electronic Equipment) | |
| RED Certification on wireless communications equipment | |
| CE certificate | |
| US market and Canada markets | E-Scooters: UL 2272, ASTM F2641 & ASTM F2642 |
| | ASTM F963 heavy metals test (for toys) |
| | 16 CFR 1307 Phthalates content test (for toys) |
| | 16 CFR 1303 Lead (Pb) content in paints |
| | US Public Law 104-142 Mercury (Hg) content in batteries |
| | US California Proposition 65 chemical tests |
| | US TPCP (Model Toxics in Packaging Legislation) |
| | Canada Toys Regulations (SOR/2011-17) chemical tests (for toys) |
| | Canada Phthalates Regulations (SOR/2016-188) phthalates content test |
| | Canada Consumer Products Containing Lead Regulations (SOR/2018-83) total lead content test |
| | US FCC Certification on wireless communication equipment and systems |
| | Canada IC Certification |
| | Canada Energy Efficiency: NRCan |
| US Energy Efficiency: CEC, DOE | |
| Chargers: UL 1310 | |
| Batteries: UL 2271, UL 2580 | |



Marks and Certificates

When product(s) successfully passes the tests, following certificates can be issued:

CE certificate ; ETL certificate ; Tick mark ; Performance evaluation



FOR MORE INFORMATION