

GLOBAL COMPLIANCE & CERTIFICATION

Battery type	Certificate item	Applicable area	Testing standard	Issue Unit	Period of validity	Mandatory	Certified
14.4v 6.6ah	CB	EU/ International	IEC62133-2: 2017	UL	long-term effective unless the standard is change	Yes	Yes
	CE-EMC	EU	EN55032/EN55024 or EN61000-6-1/3	UTL	long-term effective unless the standard is change	Yes	Yes
	UN38.3	International transport	UN(T1-T8)Revised Edition 6	UTL + Air report (DGM)	long-term effective unless the standard is change	No	Yes
	MSDS		New edition OSHA	UTL	validity for one year	No	
	BIS	India	IS16046	BIS	It is valid for two years and can be renewed before the certificate expires.	Yes	Yes
	BSMI	Tiawan	CNS15364	BSMI	It is valid for three years and can be renewed before the certificate expires.	Yes	Yes
	RCM	Australia & New Zealand	AS/NZS CISPR 22	UTL	long-term effective unless the standard is change	Yes	Yes
	PSE	Japan	Appendix 9	UTL	long-term effective unless the standard is change	Yes	Yes
	KC	Korea	KC62133	KTC	long-term effective unless the standard is change	Yes	Yes
	UL	USA	UL2054	UL	need audite factory four times a year, long-term effective unless the standard is change	No	No
	UL	Canada	UL2054+UL62368	UL	need audite factory four times a year, long-term effective unless the standard is change	No	No



Europe

CB

CE



Category	Product	Certification	Certification Standards
Launcher	6.6Ah Battery	CB	<ul style="list-style-type: none"> • IEC 62133-2:2017 • EN 62133-2:2017
		CE EMC	<ul style="list-style-type: none"> • EN 61000-6-3:2007+A1:2011+AC:2012 • EN IEC 61000-6-1:2019 • EN IEC 61000-3-2:2019 • EN61000-3-3:2013+A1:2019
	2A Power Charger	CB	<ul style="list-style-type: none"> • IEC 61558-1:2005+A1 • IEC 61558-2-16:2009+A1
		CE-EMC & CE-LVD	<ul style="list-style-type: none"> • EN 55014-1:2007 • EN 55014-2:2015 • EN IEC 61000-3-2:2019 • EN 61000-3-3:2013 • EN 61558-1:2005+A1 • EN 61558-2-16:2009+A1
		RoHS	European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment
	6300RPM Big Motor	GS	<ul style="list-style-type: none"> • EN 61558-1:2005+A1 • EN 61558-2-16:2009+A1
		CE	<ul style="list-style-type: none"> • EN 55014-1:2006/A2:2011 • EN 55014-2:1997/A2:2008
	Launcher Gear Motor	RoHS	2011/65/EU Restriction of Hazardous Substances
		CE-EMC	<ul style="list-style-type: none"> • EN 61000-6-3:2007+A1:2011 • EN ICE 61000-6-1:2019
		RoHS	<ul style="list-style-type: none"> • IEC 62321-3-1:2013 • IEC 62351-5:2013 • IEC 62321-4:2013+AMD1:2017 • IEC 62321-7-1:2015 • IEC 62321-7-2:2017 • IEC 62321-6:2015 • IEC 62321-8:2017



Europe



RoHS
COMPLIANT

REACH



Category	Product	Certification	Certification Standards
Launcher	PCB	RoHS (for LF HASL)	<ul style="list-style-type: none"> RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU IEC 62321-4:2013+A1:2017 IEC 62321-5:2013 IEC62321-72:2017 IEC62321-6:2015 IEC62321-8:2017 Analyzed ICP-OES, UV-Vis, and GC-MS
	433MHz Remote Control	CE Red	<ul style="list-style-type: none"> Radio Equipment Directive (RED) 2014/53/EU EN 62479:2010 EN 50663:2017 Final draft EN 301 489-1 V2.2(2019-09) En 301 489-3 V2.1.1(2019-03) EN 300 220-1 V3.1.1(2017-02) EN 300 220-2 V3.1.1(2017-02)
Oscillator	Oscillator Gear Motor	CE-EMC	<ul style="list-style-type: none"> EN 61000-6-3:2017+A1:2011 EN 61000-6-1:2019
		RoHS	<ul style="list-style-type: none"> IEC 62321-3-1:2013 IEC 62351-5:2013 IEC 62321-4:2013+AMD1:2017 IEC 6232-7-1:2015 IEC 62321-7-2:2017 IEC 62321-6:2015 IEC 62321-8:2017
Ball Tube		CE	<ul style="list-style-type: none"> EN 71-1:2014+A1:2018 EN 71-2:2011+A1:2014 EN 71-3:2013+A3:2018



Americas



IC

California 65

ASTM

Category	Product	Certification	Certification Standards
Launcher	2A Charger	FCC	<ul style="list-style-type: none"> FCC Part 15 Subpart B, 10-1-2014 Edition
		UL/CUL	<ul style="list-style-type: none"> UL 60950-1, 2nd Edition, 2014-10-14 (Information Technology Equipment - Safety- Part 1: General Requirements) CAN/ CSA C22.2 No. 60950-1-07, 2nd Edition, 2014-10 (Information Technology Equipment - Safety- Part 1: General Requirements)
		Argentina Safety-Mark License	<ul style="list-style-type: none"> IEC 61558-1:2005+A1 IEC 61558-2-16:2009+A1 IRAM 2063:2009
Launcher	PCB	UL (for Wiring, Printed-Component)	
	433 MHz Remote Control	FCC	<ul style="list-style-type: none"> FCC Part 15, Subpart C, Section 15.231 ASNI C63.10-2013
		IC	<ul style="list-style-type: none"> RSS-210 Issue 9 Aug, 2016
Launcher	Trolley Bag	California 65 (for Fabric & Printing)	
Ball Tube	Launcher Gear Motor	Consumer Safety Specification for Toy Safety	<ul style="list-style-type: none"> ASTM F963-17



Category	Product	Certification	Certification Standards
Launcher	6.6Ah Battery	KC	• KC62133-2 (2020-07)
		PSE	• Interpretation for METI Ordinance of Technical Requirements (H25.07.01) Appendix 9: Lithium ion secondary batteries
		BSMI	• CNS15364
		BIS	• IS 16046 (Part 2):2018/ IEC 62133-2:2017
		RCM	• EN 61000-6-3:2007+A1:2011+AC:2012; EN IEC 61000-6-1:2019 ; EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019; IEC 62133-2:2017
	2A Charger	SAA	• AS/ NZS 61558.1:2008+A1+A2+A3 • AS/ NZS 61558.2:16:2010+A1+A2+A3
		CCC	• CNCA-C09-01:2014 • GB4943.1-2011 • GB/T9254-2008 • GB17625.1-2012
		PSE	• Interpretation on Ministerial Ordinance establishing Technical Requirements Appendix 12: j61558-1(H26), j61558-2-16(h26), j55014-1(h20) • Appendix 4 of the Enforcement Regulations (AC Electrical Appliances)
		KC & KCC	• K 60950-1(2011-12) • Clause 3, Article 58-2 of Radio Waves Act.
	433 MHz Remote Control	KC RF	• K 60950-1(2011-12) • Clause 3, Article 58-2 of Radio Waves Act.
315 MHz Remote Control	MIC	• Technical Regulations Conformity Certification of Special Radio equipment (ordinance of MPT N° 37, 1981) • ARIB STD-T93 V1.1 (2007-09)	

Category	Product	Certification	Certification Standards
Launcher	6.6Ah Battery	UN38.3	• ST/SG/AC.10/Rev.6/Amend.1/Section 38.3
		Material Safety Data Sheet (MSDS)	• EEC Directive 93/112/EC • UN Recommendation on the Transport of Dangerous Goods
		Identification and Classification Report for Air Transport of Goods	• IATA Dangerous Goods Regulations • IATA DGR 61st, 2020 • IATA DGR 62nd, 2021
		Identification and Classification Report for Transport of Goods (By Sea)	• IMDG CODE (Amdt 39-18)
		Lithium Cells for Battery Test Summary	• UN Manual of Tests and Criteria Part III Subsection 38.3, Rev.6/Amend.1

This product complies with applicable requirements for performance, construction, labelling and information.

EUROPEAN COMPLIANCE

As indicated by this symbol, disposal of this product is governed by Directive 2012/19/EU of the European Parliament and of the Council on waste electrical and electronic equipment (WEEE). WEEE could potentially prove harmful to the environment and as such the Directive requires that the battery in this product must not be disposed of as unsorted municipal waste, but rather collected separately and disposed of in accordance with local WEEE ordinances and guidelines.

ENERGY CONSUMPTION

In accordance with Directive 2009/125/EC this device is equipped with a power switch.

The following energy consumption figures apply (measured with a watt meter at the outlet):

Switch in OFF position = 0.0 watts

Switch in ON position = 120 watts