

Lithium Cell / Battery Test Summary

In Accordance with UN Manual of Tests and Criteria (T&C),
Subsection 38.3



	Cell / Battery	Product
Name	LIR2450	Dynamo Light
Type	Lithium ion cell	17680
Physical description	Secondary lithium ion cell	Flashlight

Manufacturer

Name	VARTA Consumer Batteries GmbH & Co. KGaA
Address	Alfred-Krupp-Str 9 73479 Ellwangen, Germany
Phone	+49 (0) 7961 830
Email	info@eu.spectrumbrands.com
Website	https://www.varta-consumer.com

Test laboratory

Name	Pony Testing International Group
Address	Building 1, Court 66, Jindai Road, Zhongguancun Environmental Protection Park, Haidian District, Beijing
Phone	+86 (0) 4008 195 688
Email	pony@ponytest.com
Website	http://www.ponytest.com

Model number	Mass [g]	Watt-hour rating [Wh]	Edition of the Manual T&C used	Test report number	Test report date
LIR2450	5,48	0,396	ST/SG/AC.19/11/Rev.6	MMIQJ7XW861 70521	02.07.2018

Test	Result	Test	Result
T1 – Altitude simulation	Passed	T5 – External Short Circuit	Passed
T2 – Thermal Test	Passed	T6 – Impact / Crush	Passed
T3 – Vibration	Passed	T7 – Overcharge	N/A
T4 – Shock	Passed	T8 – Forced Discharge	Passed




Signature
(Uwe Knödler, Manager Quality & NPd)

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	Cell / Battery	Product
Name	Lithium ion battery	Work Flex BL30R
Type	Lithium ion cell	18684
Physical description	Secondary lithium ion cell	Flashlight

Manufacturer

Name	VARTA Consumer Batteries GmbH & Co. KGaA
Address	Alfred-Krupp-Str 9 73479 Ellwangen, Germany
Phone	+49 (0) 7961 830
Email	info@eu.spectrumbrands.com
Website	https://www.varta-consumer.com

Test laboratory

Name	Vkan Certification & Testing Co., Ltd.
Address	No. 3, Tiantaiyi Road, Kaitai Avenue, Science City, Guangzhou, 510663, China
Phone	+86 (0) 20 322 93 888
Email	office@cvc.org.cn
Website	http://www.cvc.org.cn

Model number	Mass [g]	Watt-hour rating [Wh]	Edition of the Manual T&C used	Test report number	Test report date
ICR18650	45,9	9,62	ST/SG/AC.10/11/Rev.5 /Amend.2	RZUN2015-1374	10.02.2015

Test	Result	Test	Result
T1 – Altitude simulation	Passed	T5 – External Short Circuit	Passed
T2 – Thermal Test	Passed	T6 – Impact / Crush	Passed
T3 – Vibration	Passed	T7 – Overcharge	N/A
T4 – Shock	Passed	T8 – Forced Discharge	Passed



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	Cell / Battery	Product
Name	Rechargeable Li-ion cell	Nightcutter F20R
Type	Lithium ion cell	18900
Physical description	Secondary lithium ion cell	Flashlight

Manufacturer

Name	VARTA Consumer Batteries GmbH & Co. KGaA
Address	Alfred-Krupp-Str 9 73479 Ellwangen, Germany
Phone	+49 (0) 7961 830
Email	info@eu.spectrumbrands.com
Website	https://www.varta-consumer.com

Test laboratory

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Phone	+86 (0) 20 322 93 888
Email	office@cvc.org.cn
Website	http://www.cvc.org.cn

Model number	Mass [g]	Watt-hour rating [Wh]	Edition of the Manual T&C used	Test report number	Test report date
ICR18650	43,9	9,62	ST/SG/AC.10/11/Rev.6	RZUN2018-0677	26.01.2018

Test	Result	Test	Result
T1 – Altitude simulation	Passed	T5 – External Short Circuit	Passed
T2 – Thermal Test	Passed	T6 – Impact / Crush	Passed
T3 – Vibration	Passed	T7 – Overcharge	N/A
T4 – Shock	Passed	T8 – Forced Discharge	Passed



Signature
(Uwe Knödler, Manager Quality & NPd)

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In Accordance with UN Manual of Tests and Criteria (T&C),
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	Cell / Battery	Product
Name	Rechargeable Li-ion cell	Nightcutter F30R
Type	Lithium ion cell	18901
Physical description	Secondary lithium ion cell	Flashlight

Manufacturer

Name	VARTA Consumer Batteries GmbH & Co. KGaA
Address	Alfred-Krupp-Str 9 73479 Ellwangen, Germany
Phone	+49 (0) 7961 830
Email	info@eu.spectrumbrands.com
Website	https://www.varta-consumer.com

Test laboratory

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Phone	+86 (0) 20 322 93 888
Email	office@cvc.org.cn
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Model number	Mass [g]	Watt-hour rating [Wh]	Edition of the Manual T&C used	Test report number	Test report date
ICR18650	43,9	9,62	ST/SG/AC.10/11/Rev.6	RZUN2018-0677	26.01.2018

Test	Result	Test	Result
T1 – Altitude simulation	Passed	T5 – External Short Circuit	Passed
T2 – Thermal Test	Passed	T6 – Impact / Crush	Passed
T3 – Vibration	Passed	T7 – Overcharge	N/A
T4 – Shock	Passed	T8 – Forced Discharge	Passed



Signature
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