

Lithium battery test summary in accordance with subsection 38.3 of Manual of Tests and Criteria

Date	14.01.2020
Supplier name / Product manufacturer	MTD Products AG
Address	Industriestrasse 23, D 66129 Saarbrücken
Responsible person	Herr Dr. Stefan Sauer
Email of resp. person	ssauer@mtdproducts.com

report valid for article numbers:	
49AP402-650	LYCOS 40/500 A #5.0AH 180WH
18AKEJ43650	LYCOS 40/340 M #34CM 470W
18AKHJ53650	LYCOS 40/370 M #37CM 550W
18AKJJ63650	LYCOS 40/400 M #40CM 650W
18HKEJ43650	LYCOS 40/340 MH #34CM 470W
41AS4BD-650	LYCOS 40/740 B SET #240KM/H
41AS4BV-650	LYCOS 40/480 V SET #480 M3/H

Manufacturer of battery	
Name	KINGCLEAN Electric Green Technology (Suzhou) Co., Ltd.
Address	No. 55, Shilin Road, Xuguan District, Suzhou New District, Jiangsu Province, 215101, P.R.China
Phone	+86-512-69583708
Email	sunzeng@kingclean.com
Website	http://www.kingclean.com

Test Laboratory	
Name	Shanghai Research Institute of Chemical Industry Testing Centre
Address	West entrance, No.345 East Yun Ling Road, 200062, Shanghai
Phone	+86-215-2569800
Email	wyorama@gmail.com
Website	http://www.ghs.cn
Report date	29.09.2019
Unique testreport number	1119090431

Battery description	LYCOS 40/500 A
Model	49AP402-650
rated Voltage	36
Ah rating	5
Wh rating	180
Battery weight [g]	1700
Rechargeable [yes/no]	yes
Battery type Lithium ion [yes/no]	yes
Battery type Lithium metal [yes/no]	no
	Lithium content [g]

These models of Lithium batteries have been tested and comply with the UN Model Regulations. Manual of Test Criteria, Part III, subsection 38.3

Performed tests		
	Pass	N/A (= non applicable)
T1 Altitude Simulation	Yes	
T2 Thermal Test	Yes	
T3 Vibration	Yes	
T4 Shock	Yes	
T5 External Short Circuit	Yes	
T6 Impact/Crush Test	Yes	
T7 Overcharge	Yes	
T8 Forced Discharge	Yes	

City, Date	Saarbrücken, 14.01.2020
Name, title	Dr. Stefan Sauer, R & D
Signature	 MTD Products Aktiengesellschaft Industriestraße 23 66129 Saarbrücken Tel. 069 05 - 7 90 • Fax 7 94 42