

TEST REPORT

Product: MaxiCharger DC Fast

Model No.: EF120C3001

Applicant: Autel New Energy Co.,Ltd.

Manufacturer: Autel New Energy Co.,Ltd.

Issued by: Shenzhen Chengxin Technology Service Co., Ltd.

Lab Location: Dafu Factory, 13 Aiqun Road North, Shangwu Community, Shiyuan Street ,Baoan District, Shenzhen, Guangdong, China.

Tel: +86-755-21128889 **Fax:** +86-755-21138889

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Test Report

Applicant.....: Autel New Energy Co.,Ltd.

Applicant Address.....: Room 101, Building 1,
Rainbow Technology Building No.36Gaoxin Sixth Road(N),
Nanshan District, Shenzhen, Guangdong P.R.China

Manufacturer.....: Same as applicant

Manufacturer Address.....: Same as applicant

Factory.....: Same as applicant

Factory Address.....: Same as applicant

Brand Name.....: 

Product.: MaxiCharger DC Fast

Model No.: EF120C3001

Rating.: Input: 400Vac 186A/130KVA 3p+N+PE 50HZ
Output:CCS1/CCS2 150-1000VDC 200A/120KW


Test Standards.....: IEC62262: 2002+AMD1:2021 Degrees of protection provided by
enclosures for electrical equipment against external mechanical
impacts (IK code)

Test Environment.....: Ambient temperature range 23-25℃,
Ambient humidity range 55-65%.

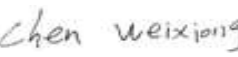
Test Result.....: ☒Positive ☐Negative

Tested by:  2022.8.18

Signature Date

Reviewed by.....:  2022.8.18

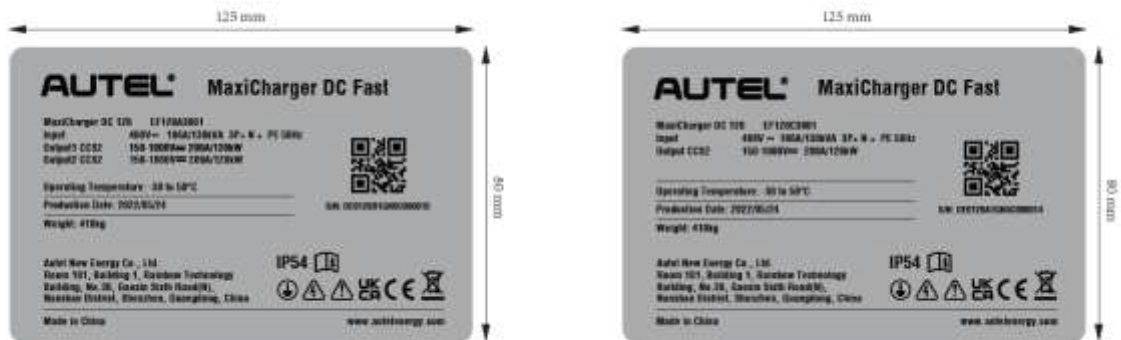
Signature Date

Approved by.....:  2022.8.18

Signature Date

The test results presented in this report relate only to the object tested.

Copy of marking plate:



IK10 test

Ambient temperature and relative humidity:

Temperature: 26 °C, Humidity: 52 %RH. The altitude:943.7m

Reference documents:

IEC62262: 2002+AMD1:2021 Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)

Test conditions:

1. The external enclosure and the screen against mechanical impact shall be IK10,the impact energy is 20J.
2. The number of impacts shall be five on each exposed face,the impacts shall be evenly distributed on the faces of the enclosures under test. In no case shall more than three Impacts be applied in the surroundings of the same point of the enclosure.

Test Result

Performance Criteria

After the test, the samples shall show that:

1. The IP degree is not impaired;
2. No part has moved, loosened, detached or deformed to the extent that any safety functions are impaired;
3. The test did not cause a condition that results in the equipment not complying with the strain relief requirements;
4. The test did not result in a reduction of creepage and clearance between uninsulated live parts of opposite polarity, uninsulated live parts and accessible dead or grounded metal below the minimum acceptable values;
5. The test did not result in any other evidence of damage that could increase the risk of fire or electric shock.

Test Result:

1. The IP54 is not impaired;
2. No part has moved, loosened, detached or deformed to the extent that any safety functions are impaired;
3. The test did not cause a condition that results in the equipment not complying with the strain relief requirements, if applicable;
4. The test did not result in a reduction of creepage and clearance between uninsulated live parts of opposite polarity, uninsulated live parts and accessible dead or grounded metal below the minimum acceptable values;
5. The test did not result in any other evidence of damage that could increase the risk of fire or electric shock.

Conclusion: Passed

Product pictures



front view



back view



right view



left view

List of test equipment used

Equipment	Model	Equipment No.	calibration date
weights	AG35LBS	TS18080174	2022/08/27

STATEMENT

1. The test report is invalid without stamp of laboratory.
2. The test report is invalid without signature of person(s) testing and authorizing.
3. The test report is invalid if erased and corrected.
4. Test results of the report are valid to the test samples if sampling by client.
5. The test report shall not be reproduced except in full, without written approval of the laboratory.
6. If there is any objection to report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

SHENZHEN CHENGXIN TECHNOLOGY SERVICE CO., LTD.

Address: Dafu Factory, 13 Aiqun Road North, Shangwu Community, Shiyuan Street ,Baoan District, Shenzhen, Guangdong, China.

Tel: +86-755-21128889

Fax: +86-755-21138889

http: www.ctsco.cn

E-Mail: manager@ctsco.cn