Ref. Certif. No.

**DK-106665-UL**

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

## CB TEST CERTIFICATE

| | |
|---|---|
| Product | Notebook PC |
| Name and address of the applicant | MICRO-STAR INTERNATIONAL CO LTD<br>No 69 Lide St, Zhonghe Dist, New Taipei City, 235 TAIWAN |
| Name and address of the manufacturer | MICRO-STAR INTERNATIONAL CO LTD<br>No 69 Lide St, Zhonghe Dist, New Taipei City, 235 TAIWAN |
| Name and address of the factory<br>Note: *When more than one factory, please report on page 2* | MSI ELECTRONICS (KUNSHAN) CO LTD<br>NO 88 EAST QIANJIN ROAD, KUNSHAN CITY, JIANGSU PROVINCE, 215300,<br>CHINA<br>☒ Additional Information on page 2 |
| Ratings and principal characteristics | 19.5Vdc, 6.92A; 19.5Vdc, 7.7A;19.5Vdc, 9.23 A or 19.5 Vdc, 11.8A or 19.5Vdc, 14.36A or 20Vdc, 14A(optional) |
| Trademark / Brand (if any) | msi |
| Type of Customer's Testing Facility (CTF) Stage used | CTF Stage 2 |
| Model / Type Ref. | MS-17EXXXX<br>(X= any alphanumeric character or blank) |
| Additional information (if necessary may also be reported on page 2) | ☒ Additional Information on page 2 |
| A sample of the product was tested and found to be in conformity with | IEC 62368-1:2018 |
| As shown in the Test Report Ref. No. which forms part of this Certificate | E203413-4789620537-1 Original issued on 2020-12-03 |

This CB Test Certificate is issued by the National Certification Body

☐ UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
☒ UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
☐ UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
☐ UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

**For full legal entity names see www.ul.com/ncbnames**

Date: 2020-12-03

Signature:

Jan-Erik Storgaard

Ref. Certif. No.

**DK-106665-UL**

Factories:
MSI COMPUTER (SHENZHEN) CO LTD
Suite of MSI COMPUTER (SHENZHEN) CO LTD
No 37 Tangtou Ave Tangtou Community Shiyan Sub-District Baoan District Shenzhen City Guangdong Province 518108
CHINA

MICRO-STAR INTERNATIONAL CO LTD
No 69 Lide St, Zhonghe Dist, New Taipei City, 235
TAIWAN

Micro-Star International Co Ltd
5F & 6F No 23 Xinghua Rd Taoyuan Dist Taoyuan 330
TAIWAN

Additional Information:
Additionally evaluated to EN IEC 62368-1:2020/ A11:2020, IEC 62368-3:2017
National Difference specified in the CB Test Report

## Additional information (if necessary)

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☒ UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
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Date: 2020-12-03

Signature:
Jan-Erik Storgaard