

CERTIFICATE

Issued to:
Applicant:
Hanwha Q CELLS (Qidong) Co., Ltd.
No. 888 Linyang Road
226200 Nantong City Jiangsu, China

Licensee:
Hanwha Q CELLS (Qidong) Co., Ltd.
No. 888 Linyang Road
226200 Nantong City Jiangsu, China

Product : Photovoltaic (PV) Module(s)
Trade name(s) : Q CELLS
Type(s)/model(s) : PV module with mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 61701:2020 and EN IEC 61701:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6061044

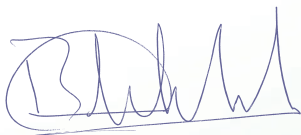
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 1 March 2023 and expires at the latest on 29 February 2028.

Certificate number: 31-121239 REV.3

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



C. Lin
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Photovoltaic (PV) Module(s)
Trade name(s)	: Q CELLS
Type(s)/model(s)	: Q.PEAK DUO BLK M-G11+ xxx, Q.PEAK DUO BLK M-G11A+ xxx, Q.PEAK DUO BLK M-G11A xxx, Q.PEAK DUO BLK M-G11S+ xxx, Q.PEAK DUO BLK M-G11S xxx, Q.PEAK DUO BLK M-G11 xxx, Q.PEAK DUO L-G11.2 xxx, Q.PEAK DUO L-G11.3 BFG xxx, Q.PEAK DUO L-G11.3 xxx, Q.PEAK DUO M-G11+ xxx, Q.PEAK DUO M-G11.1+ xxx, Q.PEAK DUO M-G11.1 xxx, Q.PEAK DUO M-G11.4 xxx, Q.PEAK DUO M-G11A+ xxx, Q.PEAK DUO M-G11A xxx, Q.PEAK DUO M-G11S+ xxx, Q.PEAK DUO M-G11S xxx, Q.PEAK DUO M-G11 xxx, Q.PEAK DUO ML-G11.1 xxx, Q.PEAK DUO ML-G11.2+ xxx, Q.PEAK DUO ML-G11.2 BFG xxx, Q.PEAK DUO ML-G11.2 xxx, Q.PEAK DUO ML-G11.3 xxx, Q.PEAK DUO ML-G11.5 BFG xxx, Q.PEAK DUO ML-G11A.2+ xxx, Q.PEAK DUO ML-G11A.2 xxx, Q.PEAK DUO ML-G11S.2+ xxx, Q.PEAK DUO ML-G11S.2 xxx, Q.PEAK DUO S-G11+ xxx, Q.PEAK DUO S-G11S xxx, Q.PEAK DUO S-G11 xxx, Q.PEAK DUO XL-G11.2 xxx, Q.PEAK DUO XL-G11.3 BFG xxx, Q.PEAK DUO XL-G11.3 xxx, Q.PEAK DUO XL-G11.6 xxx, Q.PEAK DUO XL-G11.7 BFG xxx, Q.PEAK DUO XL-G11.7 xxx and Q.PEAK DUO XL-G11S.3 BFG xxx
Test condition	: Severity 6

Product data – type Q.PEAK DUO BLK M-G11 xxx

Maximum system voltage	: 1000V
Design	: PV module with mono c-Si cells (backsheet module)
Description	: xxx=385-420, in steps of 5, 108 cells

Product data – type Q.PEAK DUO BLK M-G11+ xxx

Maximum system voltage	: 1000V
Design	: PV module with mono c-Si cells (backsheet module)
Description	: xxx=385-420, in steps of 5, 108 cells

Product data – type Q.PEAK DUO BLK M-G11A xxx

Maximum system voltage	: 1000V
Design	: PV module with mono c-Si cells (backsheet module)
Description	: xxx=385-420, in steps of 5, 108 cells

Product data – type Q.PEAK DUO BLK M-G11A+ xxx

Maximum system voltage	: 1000V
Design	: PV module with mono c-Si cells (backsheet module)
Description	: xxx=385-420, in steps of 5, 108 cells

Product data – type Q.PEAK DUO BLK M-G11S xxx

Maximum system voltage	: 1000V
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Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=385-420, in steps of 5, 108 cells

Product data – type Q.PEAK DUO BLK M-G11S+ xxx

Maximum system voltage : 1000V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=385-420, in steps of 5, 108 cells

Product data – type Q.PEAK DUO L-G11.2 xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=515-545, in steps of 5, 144 cells

Product data – type Q.PEAK DUO L-G11.3 BFG xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (double-glass module)
Description : xxx=515-545, in steps of 5, 144 cells

Product data – type Q.PEAK DUO L-G11.3 xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=515-545, in steps of 5, 144 cells

Product data – type Q.PEAK DUO M-G11 xxx

Maximum system voltage : 1000V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=385-420, in steps of 5, 108 cells

Product data – type Q.PEAK DUO M-G11.1 xxx

Maximum system voltage : 1000V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=385-420, in steps of 5, 108 cells

Product data – type Q.PEAK DUO M-G11.1+ xxx

Maximum system voltage : 1000V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=385-420, in steps of 5, 108 cells

Product data – type Q.PEAK DUO M-G11.4 xxx

Maximum system voltage : 1000V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=385-420, in steps of 5, 108 cells

Product data – type Q.PEAK DUO M-G11+ xxx

Maximum system voltage : 1000V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=385-420, in steps of 5, 108 cells

Product data – type Q.PEAK DUO M-G11A xxx

Maximum system voltage : 1000V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=385-420, in steps of 5, 108 cells

Product data – type Q.PEAK DUO M-G11A+ xxx

Maximum system voltage : 1000V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=385-420, in steps of 5, 108 cells

Product data – type Q.PEAK DUO M-G11S xxx

Maximum system voltage : 1000V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=385-420, in steps of 5, 108 cells

Product data – type Q.PEAK DUO M-G11S+ xxx

Maximum system voltage : 1000V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=385-420, in steps of 5, 108 cells

Product data – type Q.PEAK DUO ML-G11.1 xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=480-510, in steps of 5, 132 cells

Product data – type Q.PEAK DUO ML-G11.2 BFG xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (double-glass module)
Description : xxx=470-495, in steps of 5, 132 cells

Product data – type Q.PEAK DUO ML-G11.2 xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=480-510, in steps of 5, 132 cells

Product data – type Q.PEAK DUO ML-G11.2+ xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=480-510, in steps of 5, 132 cells

Product data – type Q.PEAK DUO ML-G11.3 xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=480-510, in steps of 5, 132 cells

Product data – type Q.PEAK DUO ML-G11.5 BFG xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (double-glass module)
Description : xxx=500-510, in steps of 5, 132 cells

Product data – type Q.PEAK DUO ML-G11A.2 xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=480-510, in steps of 5, 132 cells

Product data – type Q.PEAK DUO ML-G11A.2+ xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=480-510, in steps of 5, 132 cells

Product data – type Q.PEAK DUO ML-G11S.2 xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=480-510, in steps of 5, 132 cells

Product data – type Q.PEAK DUO ML-G11S.2+ xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=480-510, in steps of 5, 132 cells

Product data – type Q.PEAK DUO S-G11 xxx

Maximum system voltage : 1000V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=250-280, in steps of 5, 72 cells

Product data – type Q.PEAK DUO S-G11+ xxx

Maximum system voltage : 1000V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=250-280, in steps of 5, 72 cells

Product data – type Q.PEAK DUO S-G11S xxx

Maximum system voltage : 1000V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=250-280, in steps of 5, 72 cells

Product data – type Q.PEAK DUO XL-G11.2 xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=550-590, in steps of 5, 156 cells

Product data – type Q.PEAK DUO XL-G11.3 BFG xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (double-glass module)
Description : xxx=555-595, in steps of 5, 156 cells

Product data – type Q.PEAK DUO XL-G11.3 xxx

Maximum system voltage : 1500V

Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=550-590, in steps of 5, 156 cells

Product data – type Q.PEAK DUO XL-G11.6 xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=550-590, in steps of 5, 156 cells

Product data – type Q.PEAK DUO XL-G11.7 BFG xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (double-glass module)
Description : xxx=570-585, in steps of 5, 156 cells

Product data – type Q.PEAK DUO XL-G11.7 xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (backsheet module)
Description : xxx=550-590, in steps of 5, 156 cells

Product data – type Q.PEAK DUO XL-G11S.3 BFG xxx

Maximum system voltage : 1500V
Design : PV module with mono c-Si cells (double-glass module)
Description : xxx=555-595, in steps of 5, 156 cells

TESTS**Test requirements**

IEC 61701:2020
EN IEC 61701:2020

Test result

The test results are laid down in DEKRA test file 614298600.

Additional information

This certificate replaces certificate No. 31-121239 REV.2 which we hereby declare invalid.

The list of components is laid down in test report 6142986B.51.

Conclusion

The examination proved that all requirements were met.

Factory locations

Hanwha Q CELLS (Qidong) Co., Ltd.
No. 888 Linyang Road
226200 Nantong City Jiangsu, China

Hanwha Solutions Corporation / Eumseong Plant
1329 Daegeum-ro, Geumwang-eup
27632 Eumseong-Gun, Chungcheongbuk-Do, Republic Of Korea

Hanwha Q CELLS USA Inc.
300 Nexus Drive
Dalton GA 30721, United States Of America

Hanwha Solutions Corporation / Jincheon Plant
202 Sansusandan2-ro, Iwol-myun
27816 Jincheon-Gun, Chungcheongbuk-Do, Republic Of Korea

Trade name(s): Q CELLS stands for **Q CELLS**

Unique Identifier

