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Hanwha Q CELLS GmbH
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Order No: 300100467

Factory Inspection Declaration

For Certificate Registration No: PV 60149904

Date of issue / valid until: 15.06.2020 / 14.06.2025

License Holder: Hanwha Q CELLS GmbH
Sonnenallee 17 – 21
06676 Bitterfeld-Wolfen

Produkt. PV modules:
See listed in the appendix

Manufacturer: Hanwha Q Cells Malaysia Sdn. Bhd.
Lot 1, Jalan CV2, Cyber Valley
63300 Cyberjaya, Selangor
Malaysia

Last Inspection: report 21240546.003 04.10.2021)

The module types listed in Certificate PV 60149904 are manufactured in the above mentioned factory in Malaysia, among others. The manufacturing plant is under a periodic factory surveillance programme in the frame of TÜV Rheinland type approval certification according to IEC 61215-1:2016, IEC 61215-1-1:2016, IEC 61215-2:2016 and IEC 61730-1:2016, IEC 61730-2:2016 with certificates mentioned above.

These main production steps are taking place in the above listed plant(s):

- Solar Cells Stringing
- Assembly / Lamination
- Electrical tests

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continued on page 2

The above listed manufacturing plant is traceable by an identification code on the type label.

Explanation of Identification code: 122333333333333333

Digit 1: (1 digit) - production plant (3 – Hanwha Q Cells Malaysia)

Digit 2: (2 digit) - production line

Digit 3: (15 digits) - detail of product (date of production, BOM, counting number, check digit)

Business Field Solar & Commercial Products

i. V.

31.03.2022

X



Sachverständige(r)/Expert
Signiert von: Andreas Cox

i. A.

31.03.2022

X



Sachverständige(r)/Expert
Signiert von: Dominik Kolter

Appendix:

PV modules:

Type Group A:

Q.PLUS L-G4.2 XXX, Q.PEAK L-G4.2 XXX, Q.PEAK L-G4.5 XXX, Q.PEAK L-G5.2 XXX
B.LINE PLUS L-G4.2 XXX, B.LINE PEAK L-G4.2 XXX, B.LINE PEAK L-G4.5 XXX

Type Group B:

Q.PLUS L-G4.1 XXX, Q.PEAK L-G4.1 XXX, Q.PEAK L-G5.1 XXX, Q.PEAK L-G4.4 XXX
B.LINE PLUS L-G4.1 XXX, B.LINE PEAK L-G4.1 XXX, B.LINE PEAK L-G4.4 XXX

Type Group C:

Q.PLUS-G4.2 XXX, Q.PEAK-G4.2 XXX, Q.PEAK-G4.5 XXX
B.LINE PLUS-G4.2 XXX, B.LINE PEAK-G4.2 XXX, B.LINE PEAK-G4.5 XXX

Type Group D:

Q.PLUS-G4.1 XXX, Q.PLUS-G4.3 XXX, Q.PLUS BLK-G4.3 XXX, Q.PLUS BFR-G4.1 XXX, Q.PLUS BLK-G4.1 XXX,
Q.PEAK-G4.1 XXX, Q.PEAK-G5.1 XXX, Q.PEAK BLK-G4.1 XXX, Q.PEAK BLK-G5.1 XXX, Q.PEAK-G4.4 XXX,
Q.PEAK BLK-G4.4 XXX
B.LINE PLUS-G4.3 XXX, B.LINE PLUS BLK-G4.3 XXX, B.LINE PLUS BFR-G4.1 XXX, B.LINE PLUS BLK-G4.1 XXX,
B.LINE PEAK-G4.1 XXX, B.LINE PEAK BLK-G4.1 XXX, B.LINE PEAK-G4.4 XXX, B.LINE PEAK BLK-G4.4 XXX

Type Group E:

Q.PLUS DUO L-G5.2 XXX, Q.PLUS DUO L-G5.3 XXX, Q.PLUS DUO RSF L-G5.2 XXX, Q.PLUS DUO RSF L-
G5.3XXX, Q.PEAK DUO L-G5.2 XXX, Q.PEAK DUO L-G5.3 XXX, Q.PEAK DUO L-G7.2 XXX, Q.PEAK DUO L-G7.3
XXX,
Q.PEAK DUO RSF L-G7.3 XXX, Q.PEAK DUO L-G7.6 XXX, Q.PEAK DUO L-G7.7 XXX
B.LINE PLUS DUO L-G5.2 XXX, B.LINE PLUS DUO RSF L-G5.2 XXX, B.LINE PLUS DUO RSF L-G5.3 XXX,
B.LINE PEAK DUO L-G5.2 XXX, B.LINE PEAK DUO L-G5.3 XXX, B.LINE PEAK DUO L-G7.2 XXX,
B.LINE PEAK DUO L-G7.3 XXX, B.LINE PEAK DUO RSF L-G7.3 XXX, B.LINE PEAK DUO L-G7.6 XXX,
B.LINE PEAK DUO L-G7.7 XXX

Type Group F:

Q.PLUS DUO L-G5 XXX, Q.PLUS DUO L-G5.1 XXX, Q.PLUS DUO L-G7 XXX, Q.PLUS DUO RSF L-G5 XXX,
Q.PLUS DUO RSF L-G7 XXX, Q.PEAK DUO L-G5 XXX, Q.PEAK DUO L-G7 XXX, Q.PEAK DUO L-G5.1 XXX,
Q.PEAK DUO L-G7.1 XXX, Q.PEAK DUO L-G7.4 XXX, Q.PEAK DUO L-G7.5 XXX
B.LINE PLUS DUO L-G5 XXX, B.LINE PLUS DUO L-G7 XXX, B.LINE PLUS DUO RSF L-G5 XXX,
B.LINE PLUS DUO RSF L-G7 XXX, B.LINE PEAK DUO L-G5 XXX, B.LINE PEAK DUO L-G7 XXX,
B.LINE PEAK DUO L-G5.1 XXX, B.LINE PEAK DUO L-G7.1 XXX, B.LINE PEAK DUO L-G7.4 XXX,
B.LINE PEAK DUO L-G7.5 XXX

Type Group G:

Q.PLUS DUO-G5 XXX, Q.PLUS DUO BFR-G5 XXX, Q.PLUS DUO BLK-G5 XXX, Q.PLUS DUO-G5.1 XXX,
Q.PLUS DUO BFR-G5.1 XXX, Q.PEAK DUO-G5 XXX, Q.PEAK DUO-G5 333, Q.PEAK DUO-G7 XXX,
Q.PEAK DUO BLK-G5 XXX, Q.PEAK DUO BLK-G7 XXX, Q.PEAK DUO-G5.1 XXX, Q.PEAK DUO-G7.1 XXX,
Q.PEAK DUO BLK-G5.1 XXX, Q.PEAK DUO BLK-G7.1 XXX, Q.PEAK DUO-G7.4 XXX, Q.PEAK DUO-G5+ XXX,
Q.PEAK DUO-G5/SC XXX, Q.PEAK DUO-G5+/SC XXX, Q.PEAK DUO BLK-G5/SC XXX, Q.PEAK DUO-G5/TS XXX,
Q.PEAK DUO-G5+/TS XXX, Q.PEAK DUO BLK-G5/TS XXX
B.LINE PLUS DUO-G5 XXX, B.LINE PLUS DUO BFR-G5 XXX, B.LINE PLUS DUO BLK-G5 XXX,
B.LINE PLUS DUO-G5.1 XXX, B.LINE PLUS DUO BFR-G5.1 XXX, B.LINE PEAK DUO-G5 XXX, B.LINE PEAK DUO-
G7 XXX, B.LINE PEAK DUO BLK-G5 XXX, B.LINE PEAK DUO BLK-G7 XXX, B.LINE PEAK DUO-G5.1 XXX,
B.LINE PEAK DUO-G7.1 XXX, B.LINE PEAK DUO BLK-G5.1 XXX, B.LINE PEAK DUO BLK-G7.1 XXX,
B.LINE PEAK DUO-G7.4 XXX

Type Group H:

Q.PLUS DUO-G5.2 XXX, Q.PEAK DUO-G5.2 XXX, Q.PEAK DUO-G5.3 XXX, Q.PEAK DUO-G7.2 XXX,
Q.PEAK DUO-G7.3 XXX, Q.PEAK DUO-G7.5 XXX
B.LINE PEAK DUO-G7.2 XXX, B.LINE PEAK DUO-G7.3 XXX, B.LINE PEAK DUO-G7.5 XXX

Type Group I:

Q.PEAK DUO L-G6.2 XXX, Q.PEAK DUO L-G6.2+ XXX, Q.PEAK DUO L-G6.3 XXX, Q.PEAK DUO L-G8.2 XXX,
Q.PEAK DUO L-G8.3 XXX, Q.PEAK DUO L-G6.6 XXX, Q.PEAK DUO L-G6.7 XXX, Q.PEAK DUO RSF L-G8.3 XXX,
Q.PEAK DUO L-G8.3+ XXX, Q.PEAK DUO L-G8.7 XXX
B.LINE PEAK DUO L-G6.2 XXX, B.LINE PEAK DUO L-G6.3 XXX, B.LINE PEAK DUO L-G8.2 XXX,
B.LINE PEAK DUO L-G8.3 XXX, B.LINE PEAK DUO L-G6.6 XXX, B.LINE PEAK DUO L-G6.7 XXX,
B.LINE PEAK DUO RSF L-G8.3 XXX, B.LINE PEAK DUO L-G8.7 XXX

Type Group J:

Q.PEAK DUO L-G6 XXX, Q.PEAK DUO L-G6.1 XXX, Q.PEAK DUO L-G8 XXX, Q.PEAK DUO L-G8.1 XXX,
Q.PEAK DUO L-G6.4 XXX, Q.PEAK DUO L-G6.5 XXX, Q.PEAK DUO L-G6 KRy XXX, Q.PEAK DUO L-G6 XXX,
Q.PEAK DUO L-G6.1 XXX, Q.PEAK DUO L-G8 XXX, Q.PEAK DUO L-G8.1 XXX, Q.PEAK DUO L-G6.4 XXX,
Q.PEAK DUO L-G6.5 XXX, Q.PEAK DUO L-G6 KRy XXX
B.LINE PEAK DUO L-G6 XXX, B.LINE PEAK DUO L-G6.1 XXX, B.LINE PEAK DUO L-G8 XXX,
B.LINE PEAK DUO L-G8.1 XXX, B.LINE PEAK DUO L-G6.4 XXX, B.LINE PEAK DUO L-G6.5 XXX

Type Group K:

Q.PEAK DUO-G6.2 XXX, Q.PEAK DUO-G6.3 XXX, Q.PEAK DUO-G8.2 XXX, Q.PEAK DUO-G8.3 XXX,
Q.PEAK DUO-G6.5 XXX, Q.PEAK DUO-G6.7 XXX, Q.PEAK DUO-G8.7 XXX
B.LINE PEAK DUO-G6.2 XXX, B.LINE PEAK DUO-G6.3 XXX, B.LINE PEAK DUO-G8.2 XXX, B.LINE PEAK DUO-
G8.3 XXX, B.LINE PEAK DUO-G6.5 XXX, B.LINE PEAK DUO-G6.7 XXX, B.LINE PEAK DUO-G8.7 XXX

Type Group L:

Q.PEAK DUO-G6 XXX, Q.PEAK DUO-G6.1 XXX, Q.PEAK DUO BLK-G6 XXX, Q.PEAK DUO BLK-G6.1 XXX,
Q.PEAK DUO-G6+ XXX, Q.PEAK DUO BLK-G6+ XXX, Q.PEAK DUO-G8 XXX, Q.PEAK DUO BLK-G8 XXX,
Q.PEAK DUO-G8+ XXX, Q.PEAK DUO BLK-G8+ XXX, Q.PEAK DUO-G6/SC XXX, Q.PEAK DUO-G6+/SC XXX,
Q.PEAK DUO BLK-G6/SC XXX, Q.PEAK DUO BLK-G6+/SC XXX, Q.PEAK DUO-G6.4 XXX, Q.PEAK DUO-G6.6
XXX,
Q.PEAK DUO-G6/TS XXX, Q.PEAK DUO-G6+/TS XXX, Q.PEAK DUO BLK-G6/TS XXX, Q.PEAK DUO BLK-G6+/TS
XXX, Q.PEAK DUO-G8.4 XXX, Q.PEAK DUO BLK-G6+/HL XXX
B.LINE PEAK DUO-G6 XXX, B.LINE PEAK DUO-G6.1 XXX, B.LINE PEAK DUO BLK-G6 XXX,
B.LINE PEAK DUO BLK-G6.1 XXX, B.LINE PEAK DUO-G6+ XXX, B.LINE PEAK DUO BLK-G6+ XXX,
B.LINE PEAK DUO-G8 XXX, B.LINE PEAK DUO BLK-G8 XXX, B.LINE PEAK DUO-G8+ XXX,
B.LINE PEAK DUO BLK-G8+ XXX, B.LINE PEAK DUO-G6.4 XXX, B.LINE PEAK DUO-G6.6 XXX,
B.LINE PEAK DUO-G8.4 XXX

Type Group M:

Q.PEAK S-G4.1 XXX, Q.PEAK S-G5.1 XXX, Q.PEAK S-G4.4 XXX, Q.PEAK S-G5.4 XXX, Q.PEAK S BLK-G4.1 XXX,
Q.PEAK S BLK-G5.1 XXX, Q.PEAK S BLK-G4.4 XXX, Q.PEAK S BLK-G5.4 XXX
B.LINE PEAK S-G4.1 XXX, B.LINE PEAK S-G5.1 XXX, B.LINE PEAK S-G4.4 XXX, B.LINE PEAK S-G5.4 XXX,
B.LINE PEAK S BLK-G4.1 XXX, B.LINE PEAK S BLK-G5.1 XXX, B.LINE PEAK S BLK-G4.4 XXX,
B.LINE PEAK S BLK-G5.4 XXX

Type Group N:

Q.PEAK XS-G4.1 XXX, Q.PEAK XS-G5.1 XXX, Q.PEAK XS-G4.4 XXX, Q.PEAK XS-G5.4 XXX, Q.PEAK XS BLK-
G4.1 XXX, Q.PEAK XS BLK-G5.1 XXX, Q.PEAK XS BLK-G4.4 XXX, Q.PEAK XS BLK-G5.4 XXX
B.LINE PEAK XS-G4.1 XXX, B.LINE PEAK XS-G5.1 XXX, B.LINE PEAK XS-G4.4 XXX, B.LINE PEAK XS-G5.4 XXX,
B.LINE PEAK XS BLK-G4.1 XXX, B.LINE PEAK XS BLK-G5.1 XXX, B.LINE PEAK XS BLK-G4.4 XXX,
B.LINE PEAK XS BLK-G5.4 XXX

Type Group O:

Q.PEAK DUO XL-G9.2 XXX, Q.PEAK DUO XL-G9.3 XXX, Q.PEAK DUO XL-G9.7 XXX, Q.PEAK DUO XL-G9.3 KRy
XXX
B.LINE PEAK DUO XL-G9.2 XXX, B.LINE PEAK DUO XL-G9.3 XXX, B.LINE PEAK DUO XL-G9.7 XXX

Type Group P:

Q.PEAK DUO S-G6 XXX

Type Group Q:

Q.PEAK DUO XS-G6 XXX

Type Group R:

Q.PEAK DUO L-G6.3/BFG XXX, Q.PEAK DUO L G6.3/BGT XXX, Q.PEAK DUO L-G8.3/BFG XXX,
Q.PEAK DUO L G8.3/BGT XXX, Q.PEAK DUO L-G8.3/BFF XXX

Type Group S:

Q.PEAK DUO ML-G9 XXX, Q.PEAK DUO ML-G9+ XXX, Q.PEAK DUO BLK ML-G9 XXX, Q.PEAK DUO BLK ML-G9+
XXX, Q.PEAK DUO ML-G9.4 XXX
B.LINE PEAK DUO ML-G9 XXX, B.LINE PEAK DUO BLK ML-G9 XXX, B.LINE PEAK DUO ML-G9.4 XXX

Type Group U:

Q.PEAK DUO XL-G9 XXX
B.LINE PEAK DUO XL-G9 XXX

Type Group V:

Q.PEAK DUO-G9 XXX, Q.PEAK DUO-G9+ XXX, Q.PEAK DUO-G9.4 XXX, Q.PEAK DUO BLK-G9 XXX, Q.PEAK
DUO BLK-G9+ XXX
B.LINE PEAK DUO-G9 XXX, B.LINE PEAK DUO-G9.4 XXX, B.LINE PEAK DUO BLK-G9 XXX

Type Group X:

Q.PEAK DUO XL-G9.3/BFG XXX, Q.PEAK DUO XL-G9.3/BGT XXX

Type Group Y:

Q.PEAK DUO MS-G9 XXX, Q.PEAK DUO MS-G9+ XXX

Type Group Z:

Q.PEAK DUO XL-G10.2 XXX, Q.PEAK DUO XL-G10.3 XXX, Q.PEAK DUO XL-G10.4 XXX, Q.PEAK DUO XL-G10.7
XXX, Q.PEAK DUO XL-G10.c XXX, Q.PEAK DUO XL-G10.d XXX, Q.PEAK DUO XL-G10.h XXX, Q.PEAK DUO XL-
G10.3 KRy XXX, Q.PEAK DUO XL-G10.d KRy XXX
B.LINE PEAK DUO XL-G10.2 XXX, B.LINE PEAK DUO XL-G10.3 XXX, B.LINE PEAK DUO XL-G10.4 XXX, B.LINE
PEAK DUO XL-G10.7 XXX, B.LINE PEAK DUO XL-G10.c XXX, B.LINE PEAK DUO XL-G10.d XXX, B.LINE PEAK
DUO XL-G10.h XXX

Type Group AA:

Q.PEAK DUO ML-G10 XXX, Q.PEAK DUO ML-G10+ XXX, Q.PEAK DUO ML-G10.4 XXX, Q.PEAK DUO ML-G10.6
XXX, Q.PEAK DUO ML-G10.a XXX, Q.PEAK DUO ML-G10.a+ XXX, Q.PEAK DUO BLK ML-G10 XXX, Q.PEAK DUO

BLK ML-G10+ XXX, Q.PEAK DUO BLK ML-G10.4 XXX, Q.PEAK DUO BLK ML-G10.a XXX, Q.PEAK DUO BLK ML-G10.a+ XXX, Q.PEAK DUO BLK ML-G10.a+/TS XXX
B.LINE PEAK DUO ML-G10 XXX, B.LINE PEAK DUO ML-G10.4 XXX, B.LINE PEAK DUO ML-G10.6 XXX, B.LINE PEAK DUO ML-G10.a XXX, B.LINE PEAK DUO BLK ML-G10 XXX, B.LINE PEAK DUO BLK ML-G10.4 XXX, B.LINE PEAK DUO BLK ML-G10.a XXX

Type Group AB:

Q.PEAK DUO XL-G10.3/BFG XXX, Q.PEAK DUO XL-G10.d/BFG XXX
B.LINE DUO XL-G10.3/BFG XXX, B.LINE DUO XL-G10.d/BFG XXX

Type Group AC:

Q.PEAK DUO XL-G11.2 XXX, Q.PEAK DUO XL-G11.3 XXX
B.LINE PEAK DUO XL-G11.2 XXX, B.LINE PEAK DUO XL-G11.3 XXX

Type Group AD:

Q.PEAK DUO XL-G11.6 XXX, Q.PEAK DUO XL-G11.7 XXX
B.LINE PEAK DUO XL-G11.6 XXX, B.LINE PEAK DUO XL-G11.7 XXX

Type Group AE:

Q.TRON ML-G1 XXX, Q.TRON ML-G1+ XXX, Q.TRON BLK ML-G1 XXX, Q.TRON BLK ML-G1+ XXX
B.LINE TRON ML-G1 XXX, B.LINE TRON BLK ML-G1 XXX

Type Group AF:

Q.PEAK DUO ML-G10.2 XXX
B.LINE PEAK DUO ML-G10.2 XXX

Type Group AG:

Q.PEAK DUO-G10 XXX, Q.PEAK DUO-G10+ XXX, Q.PEAK DUO-G10.a XXX, Q.PEAK DUO-G10.a+ XXX, Q.PEAK DUO-G10.4 XXX, Q.PEAK DUO-G10.4+ XXX, Q.PEAK DUO BLK-G10 XXX, Q.PEAK DUO BLK-G10+ XXX, Q.PEAK DUO BLK-G10.a XXX, Q.PEAK DUO BLK-G10.a+ XXX, Q.PEAK DUO BLK-G10.4 XXX, Q.PEAK DUO BLK-G10.4+ XXX
B.LINE PEAK DUO-G10 XXX, B.LINE PEAK DUO-G10.a XXX, B.LINE PEAK DUO-G10.4 XXX, B.LINE PEAK DUO BLK-G10 XXX, B.LINE PEAK DUO BLK-G10.a XXX, B.LINE PEAK DUO BLK-G10.4 XXX,

Type Group AH:

Q.PEAK DUO XL-G11.3/BFG XXX
B.LINE PEAK DUO XL-G11.3/BFG XXX

Type Group AI:

Q.PEAK DUO M-G11 XXX, Q.PEAK DUO BLK M-G11 XXX
B.LINE PEAK DUO M-G11 XXX, B.LINE PEAK DUO BLK M-G11 XXX

Type Group AJ:

Q.PEAK DUO ML-G11.2 XXX
B.LINE PEAK DUO ML-G11.2 XXX

Type Group AK:

Q.PEAK DUO L-G11.3 XXX
B.LINE PEAK DUO L-G11.3 XXX

Type Group AL:

Q.PEAK DUO XL-G11.7/BFG XXX
B.LINE PEAK DUO XL-G11.7/BFG XXX