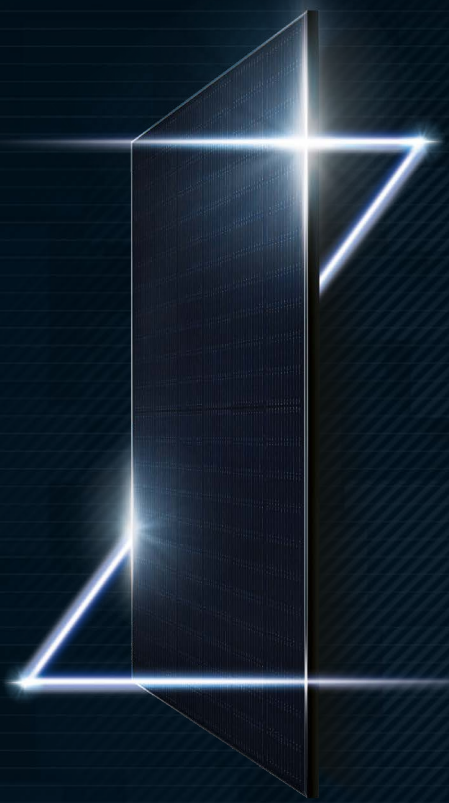


Q.PEAK DUO-G9 SERIES

WITH Q.ANTUM DUO Z TECHNOLOGY

powered by Q.ANTUM DUO Z

Q CELLS

Q.PEAK DUO-G9 SOLAR MODULES
ZERO-COMPROMISE ON POWER WITH Q.ANTUM DUO Z TECHNOLOGY

powered by Q.ANTUM DUO Z

SUMMARY
WHAT'S NEW

- One of the lightest solar modules among its competitors
- Homogeneous black surface for even the most exclusive appearance
- Increased performance warranty: 86% power after 25-years guaranteed
- Also available as Q.PEAK DUO BLK-G9+ with a 25-year product and performance warranty

25 YR Warranty

Q.PEAK DUO BLK-G9
120-half-cell module

Power:	345 Wp
Efficiency:	20.3%
Weight:	17.5 kg
Format:	1673 mm × 1030 mm

THE IDEAL SOLUTION FOR:

Rooftop arrays on residential buildings

SUMMARY
WHAT'S NEW

- Optimal yields whatever the weather, with excellent low-light and temperature behaviour
- Outstanding efficiency for lowest LCOE
- Increased performance warranty: 86% power after 25-years guaranteed
- Also available as Q.PEAK DUO ML-G9+ with a 25-year product and performance warranty

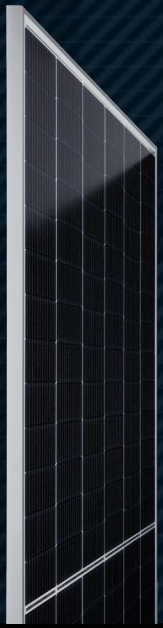
25 YR Warranty

Q.PEAK DUO ML-G9
132-half-cell module

Power:	395 Wp
Efficiency:	21.1%
Weight:	19.5 kg
Format:	1840 mm × 1030 mm

THE IDEAL SOLUTION FOR:

Rooftop arrays on residential buildings
Rooftop arrays on commercial / industrial buildings



SUMMARY
WHAT'S NEW

- Higher yield per surface area, lower BOS costs and up to 30 watts more power per module
- Lowest LCOE thanks to high module performance and outstanding efficiency
- Increased performance warranty: 86% power after 25-years guaranteed

Q.PEAK DUO XL-G9
156-half-cell module

Power:	465 Wp
Efficiency:	21.1%
Weight:	25.5 kg
Format:	2163 mm × 1030 mm

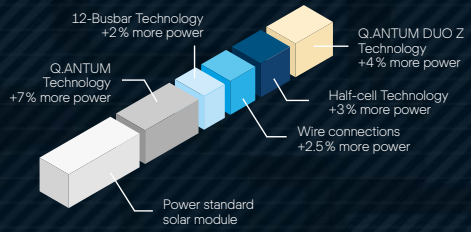
THE IDEAL SOLUTION FOR:

Ground-mounted solar power plants

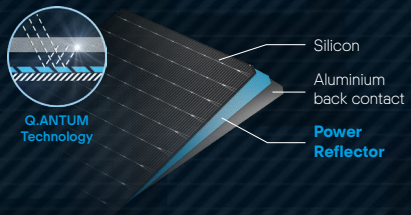
Q.ANTUM DUO Z TECHNOLOGY
INNOVATION BUILT ON PROVEN TECHNOLOGY

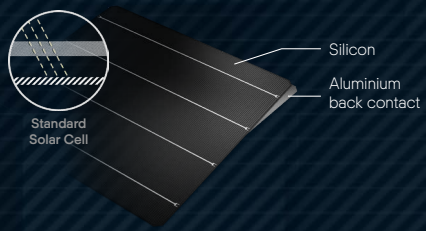
powered by Q.ANTUM DUO Z

The Q.ANTUM DUO Z effect
Power Comparison



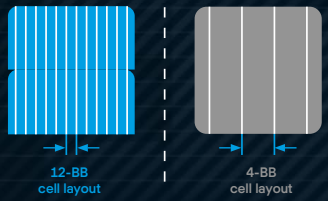
Q.ANTUM Technology
7% more power





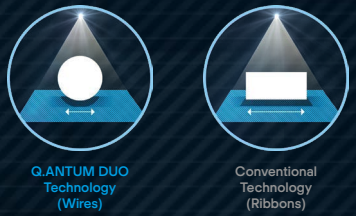
Q.ANTUM combines the best characteristics of all cell technologies and thus achieves high performance values under real conditions at levelized costs of electricity.

12-Busbar Technology
2% more power



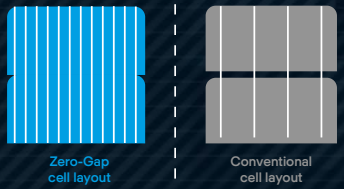
Reduced distance between the busbars for lower resistance and better absorption of the excited electrons.

Q CELLS cell wiring
2.5% more power



The use of round wire enables reduced shadowing by 75% for more output power.

Zero-Gap cell interconnection
4% more power



The non-existent spaces between the individual cell rows ensure a higher cell density.

Q CELLS
Engineered in Germany

Hanwha Q CELLS GmbH
Sonnenallee 17-21, 06766,
Bitterfeld-Wolfen, Germany

TEL +49(0)3494 6699 – 23222
FAX +49(0)3494 6699 – 23000
EMAIL sales@q-cells.com
WEB www.q-cells.com