

Q.PEAK DUO-G5 MODULE SERIES

THE NEXT Q.ANTUM GENERATION

Q.PEAK DUO-G5

The new Q.PEAK DUO-G5 solar module from Q CELLS impresses thanks to innovative Q.ANTUM DUO Technology, which enables particularly high performance on a small surface.

Q.ANTUM's world-record cell concept has now been combined with state-of-the-art circuitry, half cells and a six-busbar design, achieving outstanding performance under real conditions – both with low-intensity solar radiation and on hot, clear summer days.

POWER UP TO:
330 WP

EFFICIENCY UP TO:
19.9%

GUARANTEED POWER AFTER 25 YEARS:
85%

SUPERIOR TEMPERATURE BEHAVIOR:
0.37%/K

POWER UP TO:
320 WP

EFFICIENCY UP TO:
19.3%

GUARANTEED POWER AFTER 25 YEARS:
85%

SUPERIOR TEMPERATURE BEHAVIOR:
0.37%/K

Q.PEAK DUO BLK-G5

The new Q.PEAK DUO BLK-G5 solar module from Q CELLS impresses with its outstanding visual appearance and particularly high performance on a small surface thanks to the innovative Q.ANTUM DUO technology.

Q.ANTUM's world-record cell concept has now been combined with state-of-the-art circuitry, half cells and a six-busbar design, achieving outstanding performance under real conditions – both with low-intensity solar radiation and on hot, clear summer days.

MORE POWER AND STABILITY WITH HALF CELLS AND 6 BUSBAR TECHNOLOGY

The new design using half-cells and 6 busbars reduces the mechanical stress on cells during wind and snow loads.

Q CELLS HALF-CELL TECHNOLOGY

Provides better efficiency by lowering the modules internal current and significantly reducing resistive losses.

CELL INTERCONNECTION WITH WIRES

New wire technology instead of ribbons with a smaller width increasing internal reflection and reducing shading by up to 75%.

IMPROVED SHADING TOLERANCE

Cell interconnection with independent upper and lower parts connected in parallel ensure improved yield when modules are partly shaded.

STATE OF THE ART MODULE TECHNOLOGY

Q.ANTUM DUO combines cutting edge cell separation and innovative wiring with Q.ANTUM Technology.

Q.ANTUM TECHNOLOGY: LOW LEVELIZED COST OF ELECTRICITY

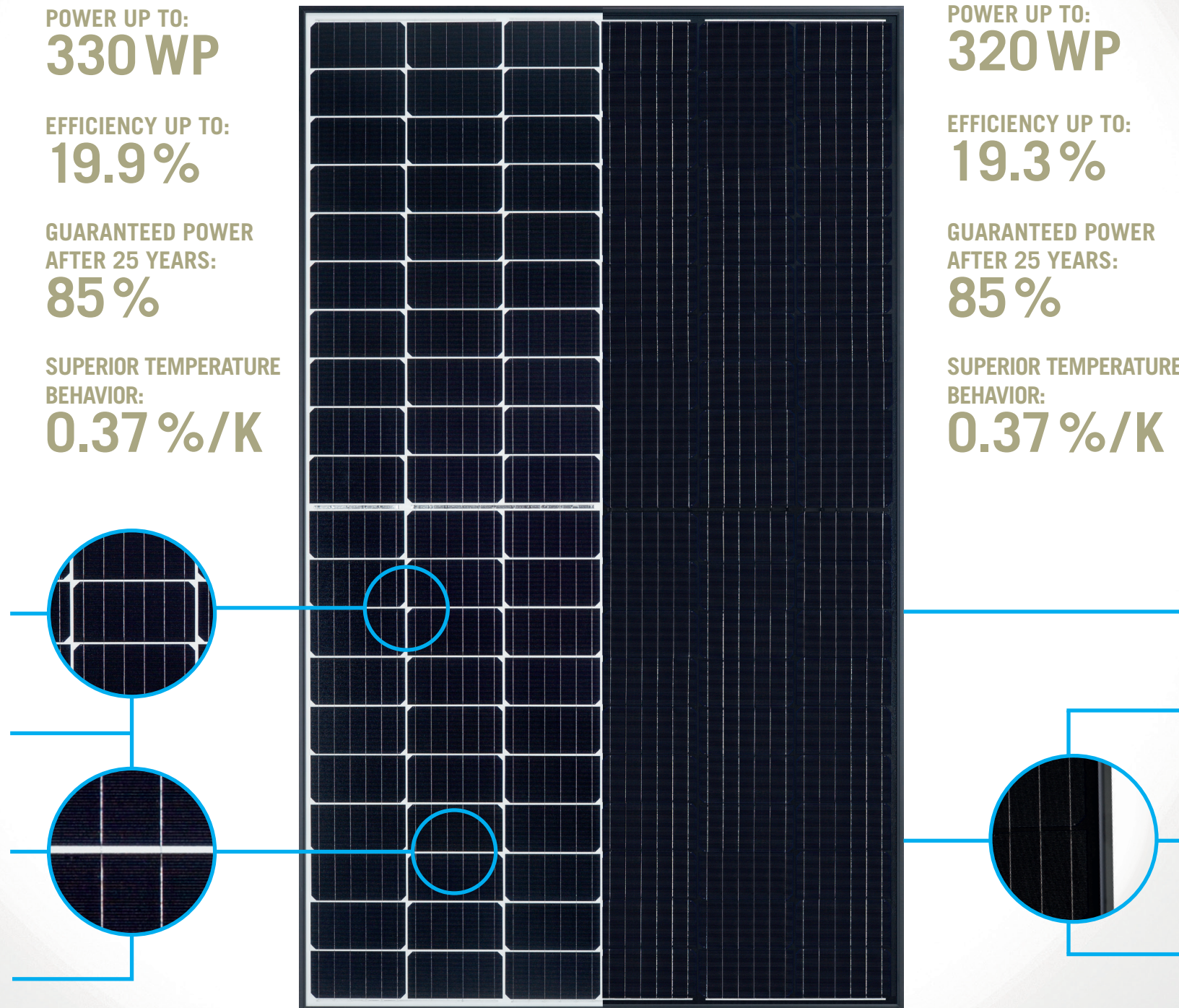
Higher yield per surface area, lower BOS costs, higher power classes, and excellent efficiency rates.

INNOVATIVE ALL-WEATHER TECHNOLOGY

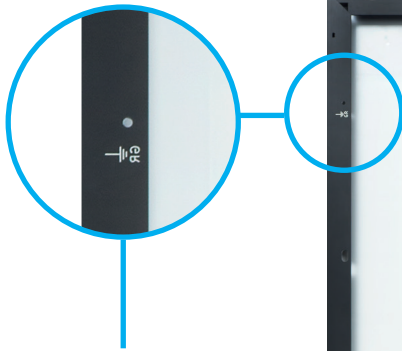
Optimal yields, whatever the weather with excellent low-light and outstanding temperature behavior.

ENDURING HIGH PERFORMANCE

Long-term yield security with Anti LID, Anti PID and Anti LeTID Technology, Hot-Spot Protect and Traceable Quality Tra.Q™.



Q.ANTUM DUO TECHNOLOGY – WITH NEXT GENERATION YIELD



EXTREME WEATHER RATING

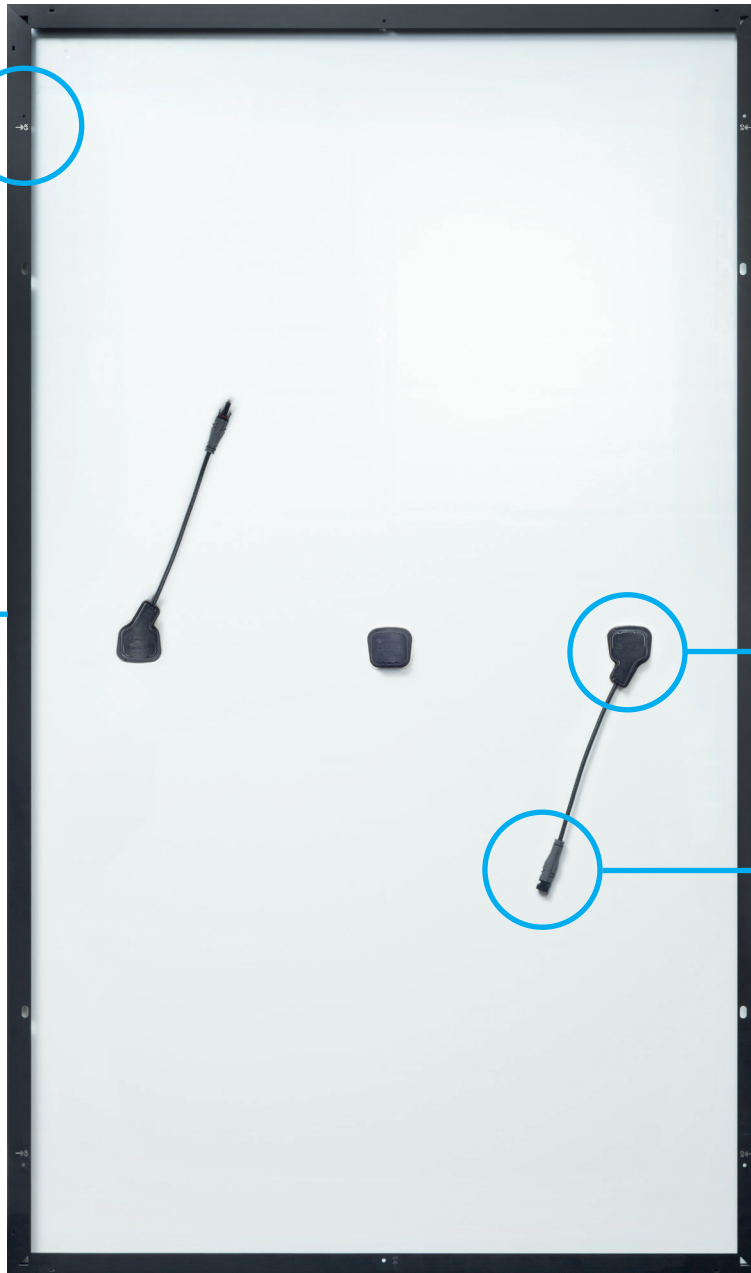
High-tech aluminum alloy frame, certified for high snow (5400 Pa) and wind loads (4000 Pa) regarding IEC and UL.

BEST IN CLASS PERFORMANCE WARRANTY

Committing to advancements in technology, Q CELLS guarantees a minimum of 85% performance in year 25.

MAXIMUM COST REDUCTIONS

Up to 10% lower logistics costs due to higher module capacity per box.



HIGH MECHANICAL STABILITY

Improved failure prevention from welded electrical connections inside the junction box.



ROBUST CONNECTORS

High quality Multi-Contact MC4 connecting plugs with 1100 mm cable length.

