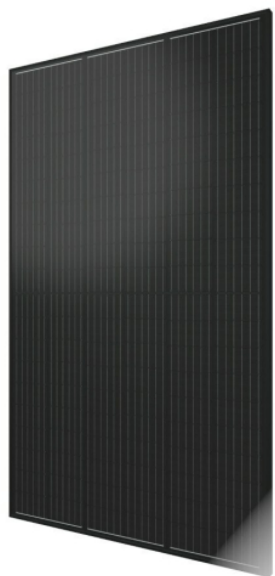


395W Duo G10+ All-Black : Hanwha Q.Cells 66-Cell Solar Module



Price: CAD \$395.00

SKU: HAQC395-G10

In stock: 5

Product Categories: [Roof / Ground / Pole](#), [Shop](#), [Solar Modules](#), [XL Modules](#) : [370W+](#)

Product Tags: [395w](#), [all-black](#), [black](#), [canada](#), [duo](#), [g10](#), [Hanwha](#), [hanwha 395w duo g10+](#), [hanwha 395w duo g10+ canada](#), [hanwha qcells](#), [q cells](#), [split cell](#)

Product Page:

<https://www.modernoutpost.com/product/395w-duo-g10-all-black-hanwha-q-cells-66-cell-solar-module/>

Product Summary

This is the 395W All-Black Hanwha Q.Cells Duo G10+ 66-Cell Solar Module.

Hanwha's Q.PEAK DUO Z is a monocrystalline solar module with outstanding power and efficiency of up to 20.9 % (this is 'module' efficiency, individual cells are higher of course!). The Q.PEAK DUO solar modules provide higher yields per surface area thanks to the unsurpassed Q.ANTUM DUO Z solar cell concept, in which half-cells are combined with state-of-the-art circuitry and 6-busbar design.

Product Description

This is the Hanwha 395W Duo G10+ All-Black 66-Cell Solar Module. Hanwha's Q.PEAK DUO Z is a monocrystalline solar module with outstanding power and efficiency of up to 20.9 % (this is 'module' efficiency, individual cells are higher of course!). The Q.PEAK DUO solar modules provide higher yields per surface area thanks to the unsurpassed Q.ANTUM DUO Z solar cell concept, in which half-cells are combined with state-of-the-art circuitry and 6-busbar design.

This is a 66-cell module, in a split-cell format. Split-cell simply means that 66 cells are used, but are cut in half for better electrical performance, and the module is divided into two sections, which improves performance in partial shade conditions, snow shedding, and soiling situations. The module is the same width as most commercial modules (approx 1m or 40"), but is 6" longer than the common 60-cell format. Having the additional power, means greater fill-factor on most residential rooftops, and results in system cost savings. The all-black aesthetics means that your system will look great for years to come.

The integrated Q CELLS yield security guarantees reliable electricity production over the entire life cycle of your solar installation. This also includes the integrated Q CELLS Anti LID Technology, which prevents light-induced degradation (LID), thus reducing system performance drastically - or almost totally. In contrast, conventional solar modules without Anti LID Technology lose much of their initial power through insolation.

Hanwha 395W Duo G10+ Features

BREAKING THE 20 % EFFICIENCY BARRIER

Q.ANTUM DUO Z Technology with zero gap cell layout boosts module efficiency up

to 20.9 %. This is module efficiency! (ie not cell efficiency which gets eroded by losses involved in the wiring of cells into full modules - something other manufacturers often don't mention).

THE MOST THOROUGH TESTING PROGRAMME IN THE INDUSTRY

Q CELLS is the first solar module manufacturer to pass the most comprehensive quality programme in the industry: The new "Quality Controlled PV" of the independent certification institute TÜV Rheinland.

INNOVATIVE ALL-WEATHER TECHNOLOGY

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

ENDURING HIGH PERFORMANCE

Long-term yield security with Anti LID Technology, Anti PID Technology¹, Hot-Spot Protect and Traceable Quality Tra.Q™.

EXTREME WEATHER RATING

An absolute must-have for Canada! High-tech aluminum alloy frame, certified for high snow (5400 Pa) and wind loads (4000 Pa).

A RELIABLE INVESTMENT

Inclusive 12-year product warranty and 25-year linear performance warranty.

Hanwha 395W Duo G10+ Is The Ideal Solution For

Private rooftop installations

Commercial and industrial rooftop installations

Ground-mounted solar installations

How You Benefit

Optimal yields, whatever the weather with excellent low-light and temperature behaviour (−0.36 % / K)

Excellent stability: tested for wind loads up to 4,000 Pa and snow loads up to 5,400 Pa

Separated operation of upper and lower module-half enables better shading

resistance

Q CELLS solar modules have a 12-year product warranty and 25-year linear performance warranty

395W Duo G10+ Specifications in Brief

Model : Q.PEAK DUO BLK ML-G10+ 395

MINIMUM PERFORMANCE AT STANDARD TEST CONDITIONS

Power at MPP [W] : 395

Short Circuit Current [A] : 11.10

Open Circuit Voltage [V] : 45.27

Current At MPP [A] : 10.71

Voltage at MPP [V] : 36.88

Efficiency [%] : ≥ 20.1

Temperature Coefficient of Voc : [%/K] : -0.27

Dimensions : 1879 mm × 1045 mm × 32 mm (including frame)
(74.0 in × 41.1 in × 1.26")

Weight : 22kg (48.5 lbs)

Frame : Black anodized aluminum

Cells : 6 × 22 monocrystalline Q.ANTUM solar half cells

Maximum System Voltage [V_{sys}] : 1000 (IEC) / 1000 (UL)

Maximum Series Fuse Rating : [A DC] : 20

Max Design Load, Push/Pull [lbs/ft²] : 75 (3600 Pa) / 55 (2660 Pa)

Max Test Load, Push/Pull [lbs/ft²] : 113 (5400 Pa) / 84 (4000 Pa)

Downloads

[Data Sheet Hanwha QCells 395W G10\]](#)

Who is Hanwha Q.Cells?

Hanwha is a Korean company specializing in solar module manufacturing. Founded in 1999, Hanwha Qcells Co. Ltd., is one of the world's largest and most recognized photovoltaic manufacturers for its high-quality, high-efficiency solar cells and modules. It is headquartered in Seoul, South Korea (Global Executive HQ) and

Thalheim, Germany (Technology & Innovation HQ).

Hanwha Qcells, as an affiliate of the Hanwha Group with assets over \$150 Billion, is both a trusted and bankable solar partner for our customers worldwide. Our cell production capacity of 8 GW and solar module manufacturing capacity of 8 GW (as of 2017 second half) makes us the largest cell manufacturers and one of the biggest solar module manufacturers in the world. We have a Tier 1 Bloomberg rating and we are a BNEF Top Tier module supplier.

Product Attributes

- Dimensions: 188 × 105 × 3.2 cm
- Weight: 20 kg

Product Gallery

