SOLAR PANEL / QCELLS

Qcells Q.PEAK DUO AC 415W

Q.PEAK DUO BLK ML-G10.C1+/AC 415

The 415 W panel and Qcells microinverter come as one assembly, converting solar power to AC at each panel.



415 W DC	21.1%	25 years
Panel rating	Module efficiency	Product warranty

For your home

Two power ratings
The panel is rated at 415 W DC; the microinverter has a separate continuous AC rating of 349 VA. Your design accounts for both.

Built-in inverter
The Qcells microinverter is included. We match the battery and controls to the complete system.

Your system

- Qcells controls and monitoring
- Battery compatibility
- Roof layout, shade and utility requirements

MODEL DETAILS

Specifications & warranty

Qcells Q.PEAK DUO AC 415W · Q.PEAK DUO BLK ML-G10.C1+/AC 415

Specification	Value
Panel model	Q.PEAK DUO BLK ML-G10.C1+/AC 415
Rated panel output · STC	415 W DC
Module efficiency · STC	21.1%
Cell construction	132 half cells · mono PERC
Integrated microinverter	Q.MI.349B-G1
Microinverter continuous / peak output	349 VA / 366 VA
Nominal AC voltage	240 V
Pmax temperature coefficient	−0.34%/°C
Dimensions · H × W × D	1,879 × 1,045 × 40 mm
Weight	23.75 kg / 52.36 lb
Product / performance warranty	25 years / 25 years
Year-25 warranted DC power	At least 86% · warranty terms apply

Warranty

25-year product and performance warranties. Performance coverage applies to the panel's DC output.

Panel STC ratings are laboratory values; actual output varies with the installation and conditions.

Original sources

Qcells AC module data sheet · June 2026

Qcells AC module product information