

300 MW of Tier-1 Solar Modules — Available for Immediate Sale

Qcells Q.PEAK DUO XL-G11S Series | Surplus Inventory Sale

300 MW

AVAILABLE VOLUME

\$0.30/W

ASKING PRICE, DDP

IMMEDIATE

DELIVERY TIMELINE

**TARIFF-
PROTECTED**

TRADE POSITION

WHY THIS INVENTORY

- **US-Assembled**
Final module assembly at Qcells' Dalton, Georgia facility.
- **Nationwide Delivery**
Immediately deliverable anywhere in the continental United States, DDP.
- **Tariff-Protected**
Trade position shields buyers from added import cost exposure.
- **Immediately Available**
In-stock inventory — no manufacturing lead time.

MODULE SPECIFICATIONS

Series	Q.PEAK DUO XL-G11S.3 / BFG	Weight	76.9 lbs (34.9 kg)
Power Class	590 – 605 Wp	Glass / Frame	Dual-glass, anodized aluminum frame
Max. Module Efficiency	Up to 21.7%	Max System Voltage	1500 V
Cell Configuration	156 half-cut monocrystalline, bifacial	Product Warranty	12 years
Bifacial Energy Gain	Up to 21%	Performance Warranty	30 years (≥84.95% output at year 30)
Dimensions	96.9 × 44.6 × 1.38 in (2462 × 1134 × 35 mm)	Certifications	UL 61730-1/-2, IEC 61215, IEC 61730, CE

Manufacturing note: Modules are final-assembled in the United States (Dalton, GA) using solar cells manufactured in South Korea.

Interested parties may reach out to Polar via email to PC_Operations@polarconsulting.com to request additional information or to inquire about potential transactions.

Module Specifications

Q.PEAK DUO XL-G11S SERIES



590 - 605 Wp | 156 Cells
21.7% Maximum Module Efficiency

MODEL Q.PEAK DUO XL-G11S.3/BFG



Bifacial energy yield gain of up to 21%

Bifacial Q.ANTUM solar cells make efficient use of light shining on the module rear-side for radically improved LCOE.



Low electricity generation costs

Q.ANTUM DUO technology with optimized module layout to boost module power and improve LCOE.



A reliable investment

Double glass module design enables extended lifetime with 12-year product warranty and improved 30-year performance warranty¹.



Enduring high performance

Long-term yield security with Anti LID and Anti PID Technology², Hot-Spot Protect.



Frame for versatile mounting options

High-tech aluminum alloy frame protects from damage, enables use of a wide range of mounting structures and is certified regarding IEC for high snow (5400 Pa) and wind loads (3750 Pa)³.



Innovative all-weather technology

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

¹ See data sheet on rear for further information.

² APT test conditions according to IEC/TS 62804-1:2015 method B (~1500 V, 168 h) including post treatment according to IEC 61215-1:1 Ed. 2.0 (CD)

³ See Installation Manual for instructions

The ideal solution for:



Ground-mounted solar power plants



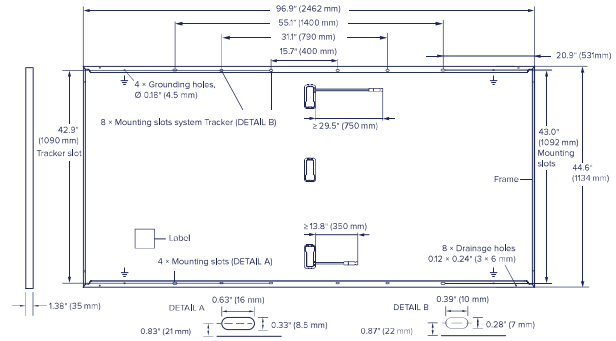
Solar power plants with tracker



Q.PEAK DUO XL-G11S SERIES

Mechanical Specification

Format	96.9 in × 44.6 in × 1.38 in (including frame) (2462 mm × 1134 mm × 35 mm)
Weight	76.9 lbs (34.9 kg)
Front Cover	0.08 in (2.0 mm) thermally pre-stressed glass with anti-reflection technology
Back Cover	0.08 in (2.0 mm) semi-tempered glass
Frame	Anodized aluminum
Cell	6 × 26 monocrystalline Q.ANTUM solar half cells
Junction box	2.09-3.98 × 1.26-2.36 × 0.59-0.71 in (53-101 mm × 32-60 mm × 15-18 mm), Protection class IP67, with bypass diodes
Cable	4 mm ² Solar cable; (+) ≥ 29.5 in (750 mm), (-) ≥ 13.8 in (350 mm)
Connector	Stäubli MC4; Stäubli MC4-Evo2; - IP68



Electrical Characteristics

POWER CLASS	590	595	600	605
-------------	-----	-----	-----	-----

MINIMUM PERFORMANCE AT STANDARD TEST CONDITIONS, STC¹ (POWER TOLERANCE +5 W/-0 W)

			590	BSTC*	595	BSTC*	600	BSTC*	605	BSTC*
Minimum	Power at MPP ¹	P _{MPP} [W]	590	645.4	595	650.8	600	656.3	605	661.8
	Short Circuit Current ¹	I _{SC} [A]	13.74	15.04	13.77	15.07	13.80	15.10	13.90	15.21
	Open Circuit Voltage ¹	V _{OC} [V]	53.60	53.79	53.63	53.82	53.66	53.85	53.69	53.88
	Current at MPP	I _{MPP} [A]	13.12	14.36	13.17	14.41	13.25	14.50	13.33	14.58
	Voltage at MPP	V _{MPP} [V]	44.96	44.95	45.18	45.17	45.30	45.27	45.40	45.39
	Efficiency ¹	η [%]	≥ 21.1		≥ 21.3		≥ 21.5		≥ 21.7	

Bifaciality of P_{MPP} and I_{SC} 70% ± 5% • Bifaciality given for rear side irradiation on top of STC (front side) • According to IEC 60904-1-2

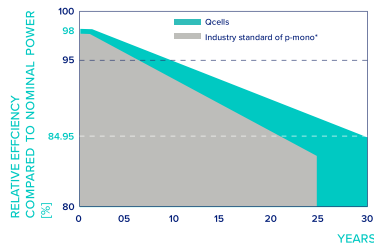
¹Measurement tolerances P_{MPP} ± 3%; I_{SC}, V_{OC} ± 5% at STC: 1000 W/m²; *at BSTC: 1000 W/m² + φ × 135 W/m², φ = 70%, 25 ± 2 °C, AM 1.5 according to IEC 60904-3

MINIMUM PERFORMANCE AT NORMAL OPERATING CONDITIONS, NMOT^{2,w}

			444.2	448.0	451.8	455.5
Minimum	Power at MPP	P _{MPP} [W]	444.2	448.0	451.8	455.5
	Short Circuit Current	I _{SC} [A]	11.07	11.09	11.11	11.20
	Open Circuit Voltage	V _{OC} [V]	50.69	50.72	50.75	50.78
	Current at MPP	I _{MPP} [A]	10.34	10.38	10.45	10.51
	Voltage at MPP	V _{MPP} [V]	42.97	43.15	43.24	43.33

¹Measurement tolerances P_{MPP} ± 3%; I_{SC}, V_{OC} ± 5% at STC: 1000 W/m², 25 ± 2 °C, AM 1.5 according to IEC 60904-3 • ²800 W/m², NMOT, spectrum AM 1.5

Qcells PERFORMANCE WARRANTY

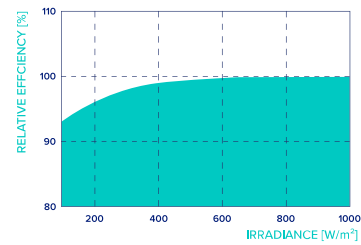


*Standard terms of guarantee for the 5 PV companies with the highest production capacity in 2021 (February 2021)

At least 98% of nominal power during first year. Thereafter max. 0.45% degradation per year. At least 93.95% of nominal power up to 10 years. At least 84.95% of nominal power up to 30 years.

All data within measurement tolerances. Full warranties in accordance with the warranty terms of the Qcells sales organization of your respective country.

PERFORMANCE AT LOW IRRADIANCE



Typical module performance under low irradiance conditions in comparison to STC conditions (25 °C, 1000 W/m²).

TEMPERATURE COEFFICIENTS

Temperature Coefficient of I _{SC}	α	[%/K]	+0.04	Temperature Coefficient of V _{OC}	β	[%/K]	-0.27
Temperature Coefficient of P _{MPP}	γ	[%/K]	-0.34	Nominal Module Operating Temperature	NMOT	[°F]	108 ± 5.4 (42 ± 3 °C)

Properties for System Design

Maximum System Voltage	V _{sys}	[V]	1500	PV module classification	Class II
Maximum Series Fuse Rating		[A DC]	30	Fire Rating based on ANSI/UL 61730	TYPE 29 ⁴
Max. Push Load ³ , Test/Design		[lbs / ft ²]	113 (5400 Pa) / 75 (3600 Pa)	Permitted Module Temperature on Continuous Duty	-40 °F up to +185 °F (-40 °C up to +85 °C)
Max. Pull Load ³ , Test/Design		[lbs / ft ²]	78 (3750 Pa) / 52 (2500 Pa)		

³ See Installation Manual for instructions

⁴ New Type is similar to Type 3 but with metallic frame

Qualifications and Certificates

UL61730-1 & UL61730-2, CE-compliant,
IEC 61215:2016,
IEC 61730:2016,
U.S. Patent No. 9,893,215
(solar cells)



* Contact your Qcells Sales Representative for details regarding the module's eligibility to be Buy American Act (BAA) compliant.

Find product recycling details at QR code above

Qcells pursues minimizing paper output in consideration of the global environment.

Note: Installation instructions must be followed. Contact our technical service for further information on approved installation of this product.

Hanwha Q CELLS USA Corp. 300 Spectrum Center Drive, Suite 500, Irvine, CA 92618, USA | TEL +1 949 748 5996 | EMAIL na.support@qcells.com | WEB www.qcells.com/us

qcells