

Q.PEAK DUO BLK-G6+/TS 330-345

ENDURING HIGH PERFORMANCE











Q.ANTUM TECHNOLOGY: LOW LEVELIZED COST OF ELECTRICITY

Higher yield per surface area, lower BOS costs, higher power classes, and an efficiency rate of up to 19.5%.



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 and Anti PID Technology 1 , Hot-Spot Protect and Traceable Quality $Tra.Q^TM$.



ZEP COMPATIBLE™ FRAME DESIGN

High-tech black Zep Compatible™ frame, for improved aesthetics, easy installation and increased safety.



A RELIABLE INVESTMENT

Inclusive 25-year product warranty and 25-year linear performance warranty².



STATE OF THE ART MODULE TECHNOLOGY

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



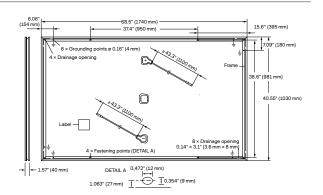
 $^{^{\}rm 2}$ See data sheet on rear for further information

THE IDEAL SOLUTION FOR:



Rooftop arrays on commercial and industrial buildings



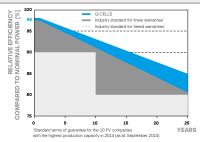


ELECTRICAL CHARACTERISTICS

PO	VER CLASS			330	335	340	345
MIN	IIMUM PERFORMANCE AT STANDARD TEST	CONDITIC	NS, STC1 (POWER TOLERANCE +5 W / -	0 W)		
Minimum	Power at MPP¹	P _{MPP}	[W]	330	335	340	345
	Short Circuit Current ¹	I _{sc}	[A]	10.41	10.47	10.52	10.58
	Open Circuit Voltage ¹	V _{oc}	[V]	40.15	40.41	40.66	40.92
	Current at MPP	I _{MPP}	[A]	9.91	9.97	10.02	10.07
	Voltage at MPP	V_{MPP}	[V]	33.29	33.62	33.94	34.25
	Efficiency ¹	η	[%]	≥18.4	≥18.7	≥19.0	≥19.3
MIN	IIMUM PERFORMANCE AT NORMAL OPERA	TING CONI	DITIONS, N	IMOT ²			
	Power at MPP	P _{MPP}	[W]	247.0	250.7	254.5	258.2
Minimum	Short Circuit Current	I _{sc}	[A]	8.39	8.43	8.48	8.52
	Open Circuit Voltage	V _{oc}	[V]	37.86	38.10	38.34	38.59
	Current at MPP	I _{MPP}	[A]	7.80	7.84	7.89	7.93
	Voltage at MPP	V _{MPP}	[V]	31.66	31.97	32.27	32.57

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

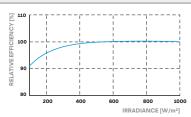
Q CELLS PERFORMANCE WARRANTY



At least 98% of nominal power during first year. Thereafter max. 0.54% degradation per year. At least 93.1% of nominal power up to 10 years. At least 85% of nominal power up to 25 years.

All data within measurement tolerances. Full warranties in accordance with the warranty terms of the Q CELLS 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 Voc	β	[%/K]	-0.27
Temperature Coefficient of Pugg	v	[%/K]	-0.36	Nominal Module Operating Temperature	NMOT	[°F]	109+54(43+3°C)

PROPERTIES FOR SYSTEM DESIGN

Maximum System Voltage V _{SYS}	[V]	1000 (IEC)/1000 (UL)	PV module classification	Class II
Maximum Series Fuse Rating	[A DC]	20	Fire Rating based on ANSI/UL 61730	TYPE 2
Max. Design Load, Push / Pull (UL) ³	[lbs/ft ²]	50 (2400 Pa)/50 (2400 Pa) 75 (3600 Pa)/33 (1600 Pa)	Permitted Module Temperature on Continuous Duty	-40°F up to +185°F (-40°C up to +85°C)
Max. Test Load, Push / Pull (UL)3	[lbs/ft²]	75 (3600Pa) / 75 (3600Pa)	³ Depending on installation type, see Installation Manual.	

QUALIFICATIONS AND CERTIFICATES

PACKAGING INFORMATION

1216 mm

UL 61730, CE-compliant, IEC 61215:2016, IEC 61730:2016. U.S. Patent No. 9,893,215









_		
\supset		
o ind		
, J		
m		



1780mm 1080mm





596 kg



pallets



26

pallets



modules

Note: Installation instructions must be followed. See the installation and operating manual or contact our technical service department for further information on approved installation and use of this product.

packaging

Hanwha Q CELLS America Inc.