

The new Q.PRO-G4.1/SC is the reliable evergreen for all applications, with a black Zep Compatible™ frame design for improved aesthetics, optimized material usage and increased safety. The 4th solar module generation from Q CELLS has been optimised across the board: improved output yield, higher operating reliability and durability, quicker installation and more intelligent design.



LOW ELECTRICITY GENERATION COSTS

Higher yield per surface area and lower BOS costs thanks to higher power classes and an efficiency rate of up to 16.2%.



INNOVATIVE ALL-WEATHER TECHNOLOGY

Optimal yields, whatever the weather with excellent low-light and temperature behavior. Certified fully resistant to level 5 salt fog.



ENDURING HIGH PERFORMANCE

Long-term yield security with Anti-PID Technology 1 , Hot-Spot-Protect and Traceable Quality Tra. Q^{TM} .



A RELIABLE INVESTMENT

Inclusive 12-year product warranty and 25-year linear performance guarantee².









APT test conditions: Cells at -1000 V against grounded, with conductive metal foil covered module surface, 25 °C, 168 h

See data sheet on rear for further information.











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ELECTRICAL CHARACTERISTICS							
POWER CLASS 255 260					260	265	
MII	NIMUM PERFORMANCE AT STAND	DARD TESTING CONDITIONS, ST	C1 (POWER TOL	ERANCE +5 W / -0 W)			
	Power at MPP ²	P _{MPP}	[W]	255	260	265	
	Short Circuit Current*	I _{sc}	[A]	8.99	9.07	9.15	
E E	Open Circuit Voltage*	V _{oc}	[V]	37.47	37.70	37.93	
Minimum	Current at MPP*	I _{MPP}	[A]	8.37	8.46	8.54	
_	Voltage at MPP*	\mathbf{V}_{MPP}	[V]	30.45	30.74	31.03	
	Efficiency ²	η	[%]	≥15.3	≥15.6	≥15.9	
MINIMUM PERFORMANCE AT NORMAL OPERATING CONDITIONS, NOC3							
	Power at MPP ²	P _{MPP}	[W]	187.6	191.3	194.9	
E	Short Circuit Current*	I _{sc}	[A]	7.25	7.31	7.38	
Minimum	Open Circuit Voltage*	V _{oc}	[V]	34.87	35.09	35.31	
	Current at MPP*	I _{MPP}	[A]	6.55	6.62	6.68	
	Voltage at MPP*	V_{MPP}	[V]	28.63	28.90	29.16	
1100	0 W/m ² , 25 °C, spectrum AM 1.5 G	² Measurement tolerances STC ±3	3 %: NOC +5 %	3 800 W/m ² , NOCT, spectrum AM 1.5 G	* typical values, actual values may differ		

Q CELLS PERFORMANCE WARRANTY

Format

Weight

Front Cover

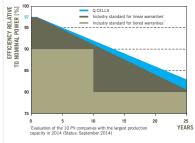
Back Cover

Junction box

Frame Cell

Cable

Connector



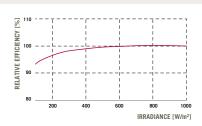
At least 97 % of nominal power during first year. Thereafter max. 0.6 % degradation per year. At least 92 % of nominal power after 10 years. At least 83 % of nominal power after 25 years.

4 mm² Solar cable; (+) 47.24 in (1200 mm), (-) 47.24 in (1200 mm)

Multi-Contact MC4, IP68

All data within measurement tolerances. Full warranties in accordance with the warranty terms of the Q CELLS sales organisation of your

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 \mathbf{V}_{oc}	β	[%/K]	-0.30
Temperature Coefficient of P _{MPP}	γ	[%/K]	-0.41	Normal Operating Cell Temperature	NOCT	[°F]	113 ± 5.4 (45 ± 3°C)

PROPERTIES FOR SYSTEM D	FSIGN			
Maximum System Voltage V _{sys}	[V]	1000 (IEC) / 1000 (UL)	Safety Class	II
Maximum Series Fuse Rating	[A DC]	20	Fire Rating	C / TYPE 1
Max Load (UL) ²	[lbs/ft²]	50 (2400 Pa)	Permitted module temperature on continuous duty	-40°F up to +185°F (-40°C up to +85°C)
Load Rating (UL) ²	[lbs/ft²]	50 (2400 Pa)	² see installation manual	

QUALIFICATIONS AND CERTIFICATES	PACKAGING INFORMATION	
UL 1703; CE-compliant;	Number of Modules per Pallet	26
IEC 61215 (Ed.2); IEC 61730 (Ed.1) application class A	Number of Pallets per 53' Container	32
	Number of Pallets per 40' Container	26
DYE C Confided US COMPANY.	Pallet Dimensions (L×W×H)	$68.7 \text{in} \times 45.0 \text{in} \times 46.0 \text{in}$ $(1745 \times 1145 \times 1170 \text{mm})$
(204141)	Pallet Weight	1254 lb (569 kg)

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. Warranty void if non-ZEP-certified hardware is attached to groove in module frame.

${\bf Hanwha~Q~CELLS~USA~Corp.}$

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