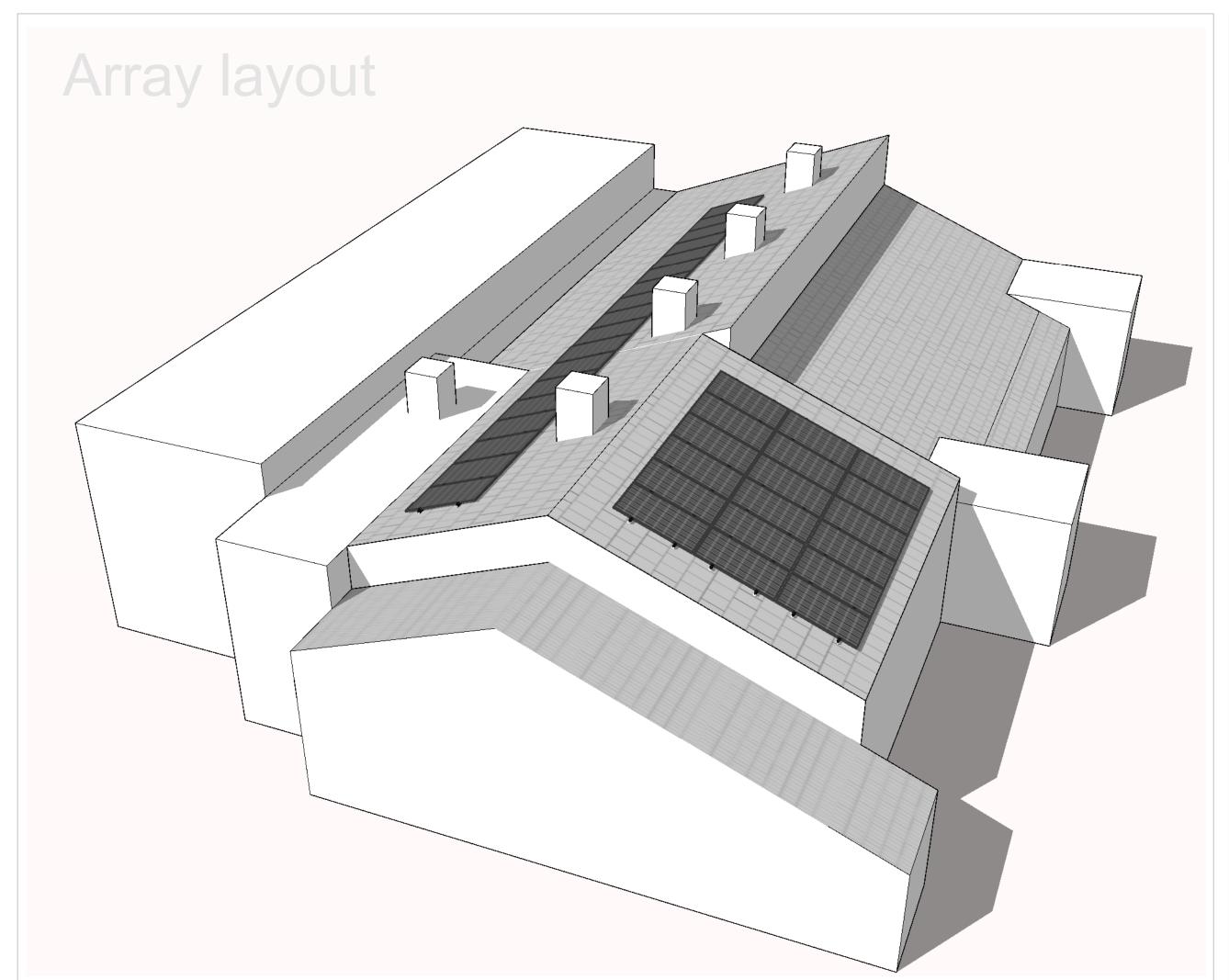


St Marys Airport

11kW East West 9,800kWh Annual generation

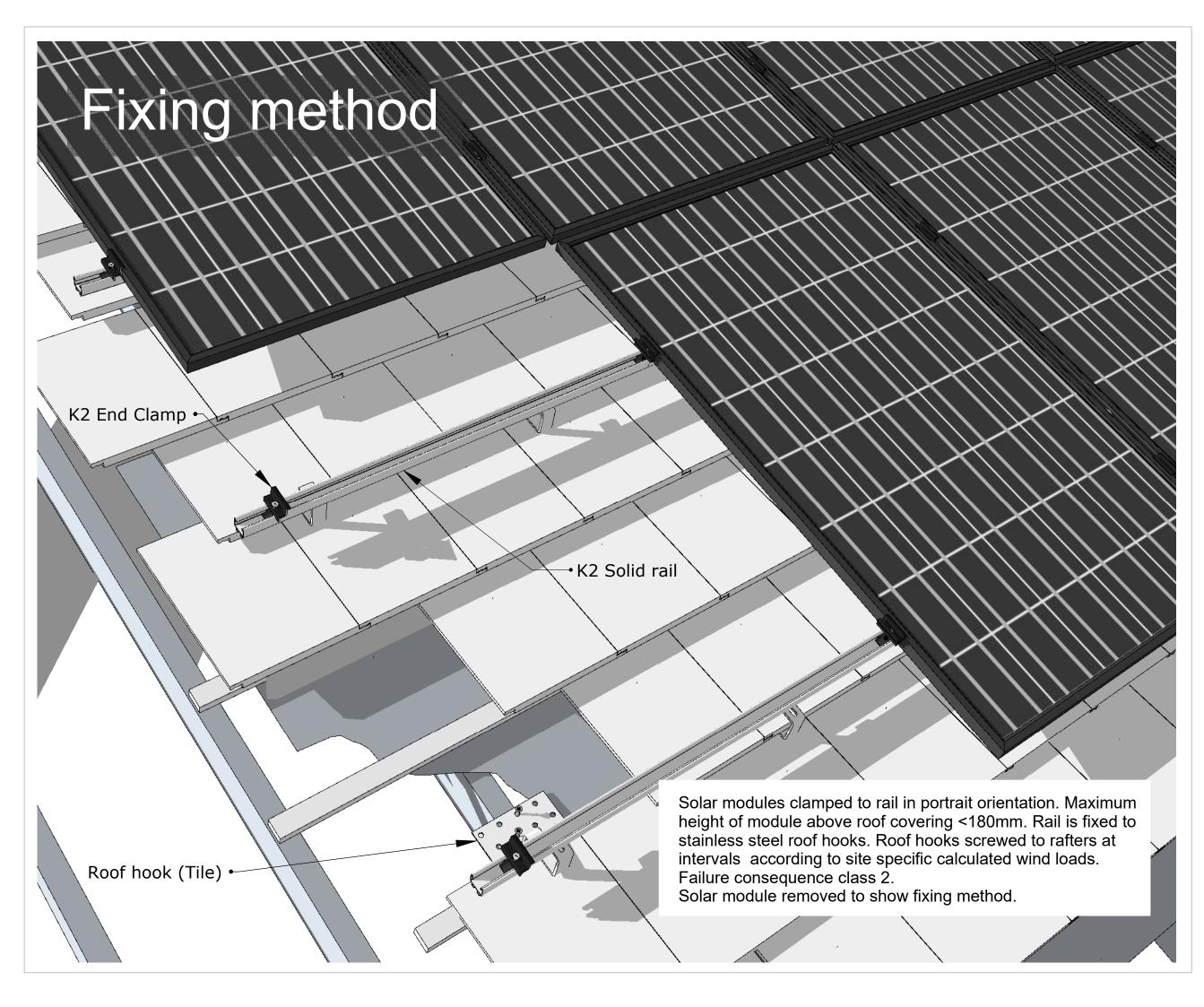
St Marys Airport

11kW East West 9,800kWh Annual generation



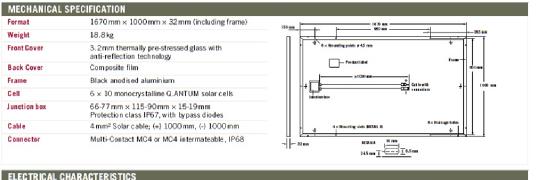
IoS Smart Energy Islands Project

St Marys

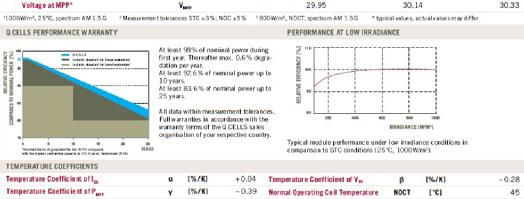


9,800kWh Annual generation

East West



PO	WER CLASS		285	290	295
MIN	NIMUM PERFORMANCE AT STAM	DARD TEST CONDITIONS, STC1 (POWER TOLE	RANCE +5W / -0 W)		
	Power at MPP ²	Pmer	285	290	295
	Short Circuit Current*	I _{sc}	9.56	9.63	9.70
Minim um	Open Circuit Voltage*	V _∞	38.91	39.19	39.48
	Current at MPP*	IMPP	8.98	9.07	9.17
_	Voltage at MPP*	V _{MPP}	31.73	31.96	32.19
	Efficie nc y ²	η	≥17.1	≥17.4	≥17.7
MIN	NIMUM PERFORMANCE AT NORI	MAL OPERATING CONDITIONS, NOC ³			
Minimum	Power at MPP ²	P _{MPP}	210.9	214.6	218.3
	Short Circuit Current*	I _{sc}	7.71	7.77	7.82
	Open Circuit Voltage*	V _{ec}	36.38	36.65	36.92
	Current at MPP*	larr	7.04	7.12	7.20
	Voltage at MPP*	V _{MPP}	29.95	30.14	30.33
100	0W/m², 25°C, spectrum AM 1.5 G	2 Measurement tolerances STC $\pm 3\%$; NOC $\pm 5\%$	3 800 W/m², NOCT, spectrum AM 1.5G	* typical values, actual values may differ	
A ARLI A DEPENDANTALIAN MARKATAN		DESCRIPTION OF LOW IDD ADDAMAGE			



QUALIFICATIONS AND CERTIFICATES				PARTNER				
Wind/Snow Load (Test-load in accordance with IEC 61215)		[Pa]	4000/5400	Permitted Module Temperature On Continuous Duty		-40°C up to +85°C		
Maximum Reverse Current	I _R	[A]	20	Fire Rating		С		
Maximum System Voltage	VSYS	[V]	1000	Safety Class		II		
PROPERTIES FOR SYSTEM DESIGN		700		1000				
Temperature Coefficient of P _{MPP}	Y	[%/K]	-0.39	Normal Operating Cell Temperature	NOCT	[°C]	45	
Tomporturare occinionent or igo		[tw/ mg	10101	Tomperature obstrictent or vite	þ	[707 K]	-0.20	

VDE Quality Tested, IEC 61215 (Ed. 2); IEC 61730 (Ed. 1), Application class A This data sheet complies with DIN EN 50380





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

QCELLS

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The new Q.PEAK DUO BLK-G5 solar module from Q CELLS impresses with its outstanding visual appearance and particularly high performance on a small surface thanks to the innovative Q.ANTUM DUO Technology. Q.ANTUM's world-record-holding cell concept has now been combined with state-of-the-art circuitry half cells and a six-busbar design, thus achieving outstanding performance under real conditions — both with low-intensity solar radiation as well as on hot, clear summer days.



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 19.3%.



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

High-tech aluminum alloy frame, certified for high snow (5400 Pa) and wind loads (4000 Pa) regarding IEC.



A RELIABLE INVESTMENT

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



STATE OF THE ART MODULE TECHNOLOGY

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

THE IDEAL SOLUTION FOR:





1 APT test conditions according to IEC/TS 62804-1:2015,

method B (-1500V, 168h) See data sheet on rear for further

ANTI PID TE ORNOLI (AJT.)

WIT-SPOT PROTECT (SSP)

TRACEABLE QUALIT (TRAGEN)

Engineered in Germany