

SOLAR'S MOST TRUSTED



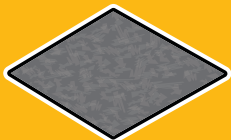
REC TWINPEAK 2 BLK2 SERIES

**PREMIUM SOLAR PANELS
100% MADE IN SINGAPORE**

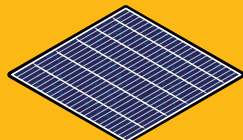
REC TwinPeak 2 BLK2 Series solar panels feature an innovative design with high panel efficiency and power output, enabling customers to get the most out of the space used for the installation.

Combined with industry-leading product quality and the reliability of a strong and established European brand, REC TwinPeak 2 BLK2 panels are ideal for residential rooftops worldwide.

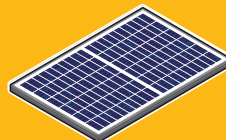
INTEGRATED MANUFACTURING IN SINGAPORE



WAFERS



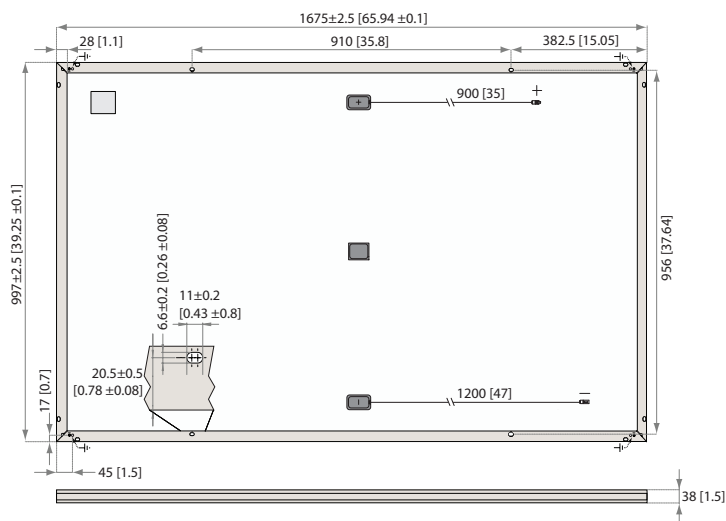
CELLS



MODULES



REC TWINPEAK 2 BLK2 SERIES







All measurements in mm [in]

ELECTRICAL DATA @ STC		Product code*: RECxxxTP2 BLK2		
Nominal Power - P_{MPP} (Wp)		275	280	285
Watt Class Sorting - (W)		0/+5	0/+5	0/+5
Nominal Power Voltage - V_{MPP} (V)		31.6	31.8	32.0
Nominal Power Current - I_{MPP} (A)		8.71	8.82	8.92
Open Circuit Voltage - V_{OC} (V)		38.2	38.4	38.6
Short Circuit Current - I_{SC} (A)		9.28	9.39	9.40
Panel Efficiency (%)		16.5	16.8	17.1

Values at standard test conditions STC (airmass AM 1.5, irradiance 1000 W/m², cell temperature 25°C).
At low irradiance of 200 W/m² (AM 1.5 and cell temperature 25°C) at least 95% of the STC panel efficiency will be achieved.
*xxx in the product code indicates the nominal power class (P_{MPP}) at STC as indicated above.

ELECTRICAL DATA @ NOCT		Product code*: RECxxxTP2 BLK2		
Nominal Power - P_{MPP} (Wp)		203	206	210
Nominal Power Voltage - V_{MPP} (V)		29.1	29.3	29.5
Nominal Power Current - I_{MPP} (A)		6.96	7.04	7.13
Open Circuit Voltage - V_{OC} (V)		35.2	35.4	35.6
Short Circuit Current - I_{SC} (A)		7.52	7.51	7.59

Nominal operating cell temperature NOCT (800 W/m², AM 1.5, windspeed 1 m/s, ambient temperature 20°C).
*xxx in the product code indicates the nominal power class (P_{MPP}) at STC as indicated above.

CERTIFICATION	
   	<p>UL 1703, Fire classification Type 2; IEC 61215, IEC 61730, IEC 62804 (PID), IEC 62716 (Ammonia), IEC 61701 (Salt Mist level 6), IEC 60068-2-68 (Blowing Sand), ISO 11925-2 (Class E) ISO 9001: 2015, ISO 14001: 2004, OHSAS 18001: 2007</p>

WARRANTY	
10 year product warranty.	
25 year linear power output warranty (max. degradation in performance of 0.7% p.a.).	

17.1%	EFFICIENCY
10	YEAR PRODUCT WARRANTY
25	YEAR LINEAR POWER OUTPUT WARRANTY
	US IMPORT DUTY FREE

TEMPERATURE RATINGS	
Nominal Operating Cell Temperature (NOCT)	44.6°C (±2°C)
Temperature Coefficient of P_{MPP}	-0.36 %/°C
Temperature Coefficient of V_{OC}	-0.30 %/°C
Temperature Coefficient of I_{SC}	0.066 %/°C

GENERAL DATA	
Cell type:	6 strings of 20 REC HC multicrystalline PERC
Glass:	0.13" (3.2 mm) solar glass with anti-reflective surface treatment
Back sheet:	Highly resistant polyester polyolefin construction (black)
Frame:	Anodized aluminum (black)
Junction box:	IP67, 3-part with 3 bypass diodes 12 AWG (4 mm ²) PV wire, 35" + 47" (0.9 + 1.2 m)
Connectors:	Stäubli MC4 PV-KBT4/PV-KST4 12AWG (4 mm ²)
Origins:	Silicon: Made in USA & Norway Wafer/Cell/Module: Made in Singapore

MAXIMUM RATINGS	
Operational Temperature:	-40 ... +185°F (-40 - 85°C)
Maximum System Voltage:	1000 V
Design Load*:	(+) 75.2 lbs/ft ² (3600 Pa) (-) 33.4 lbs/ft ² (1600 Pa) *Refer to installation manual
Max Series Fuse Rating:	20 A
Max Reverse Current:	20 A

MECHANICAL DATA	
Dimensions:	65.94 x 39.25 x 1.5 in (1675 x 997 x 38 mm)
Area:	17.98 ft ² (1.67 m ²)
Weight:	40.8 lbs (18.5 kg)

Note! Specifications subject to change without notice.



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