

REC TWINPEAK SERIES

PREMIUM SOLAR PANELS WITH SUPERIOR PERFORMANCE

REC TwinPeak 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 panels are ideal for residential and commercial rooftops worldwide.





IN SHADED CONDITIONS

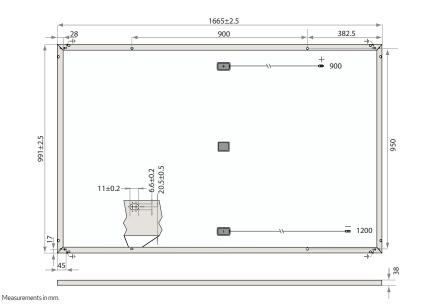


100% PID FREE



REDUCES BALANCE OF SYSTEM COSTS

REC TWINPEAK SERIES



ELECTRICAL DATA @ STC	REC265TP	REC270TP	REC275TP	REC280TP	REC285TP
Nominal Power - P _{MPP} (Wp)	265	270	275	280	285
Watt Class Sorting-(W)	0/+5	0/+5	0/+5	0/+5	0/+5
Nominal Power Voltage - V _{MPP} (V)	31.1	31.2	31.4	31.9	32.1
Nominal Power Current - I _{MPP} (A)	8.53	8.66	8.76	8.78	8.90
Open Circuit Voltage - V _{OC} (V)	38.3	38.6	38.8	39.2	39.5
Short Circuit Current-I _{SC} (A)	9.21	9.29	9.40	9.44	9.54
Panel Efficiency (%)	16.1	16.4	16.7	17.0	17.3

 $Values \ at \ standard \ test \ conditions \ STC \ (airmass \ AM 1.5, irradiance \ 1000 \ W/m^2, cell \ temperature \ 25^{\circ}C).$ At low irradiance of 200 \ W/m^2 \ (AM 1.5 \ and \ cell \ temperature \ 25^{\circ}C) \ at least \ 94% \ of \ the \ STC \ module \ efficiency \ will be \ achieved. Product \ code is followed by the suffix \ BLK for black framed \ modules.

ELECTRICAL DATA @ NOCT	REC265TP	REC270TP	REC275TP	REC280TP	REC285TP
Nominal Power - P _{MPP} (Wp)	195	198	202	205	209
Nominal Power Voltage - V _{MPP} (V)	28.8	28.9	29.0	29.5	29.6
Nominal Power Current - I _{MPP} (A)	6.77	6.87	6.95	6.97	7.06
Open Circuit Voltage - V _{oc} (V)	35.2	35.5	35.7	36.1	36.3
Short Circuit Current-I _{SC} (A)	7.32	7.38	7.47	7.50	7.58

Nominal operating cell temperature NOCT (800 W/m², AM 1.5, windspeed 1 m/s, ambient temperature 20° C).

Product code is followed by the suffix BLK for black framed modules.

WARRANTY

C61215 IFC 61730 &UI 1703 IFC 62804 (PID Free)

IEC61215, IEC61730 & UL 1703. IEC62804 (PID Free), IEC61701 (Salt Mist Level 6), IEC62716 (Ammonia Resistance), ISO 11925-2 (Ignitability Class E), UNI 8457/9174 (Class A), ISO 9001:2015, ISO 14001, OHSAS 18001

25 year linear power output warranty (max. degression in performance of 0.7% p.a.)

ance), Seewarranty conditions for further details.

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for an easy way take-e-way WEEE Compliant Recycling scheme

CERTIFICATIONS

17.3% EFFICIENCY

1 YEAR PRODUCT WARRANTY

25 YEAR LINEAR POWER OUTPUT WARRANTY

TEMPERATURE RATINGS

GENERAL DATA

Cell type: 120 REC HC multi-crystalline 6 strings of 20 cells (156 x 78 mm) Glass: 3.2 mm solar glass with anti-reflective surface treatment Back sheet: Highly resistant polyester Anodized aluminum* Frame: *Available in silver or black Junction box: 3-part with bypass diodes IP67 rated $4 \text{ mm}^2 \text{ solar cable}, 0.9 \text{ m} + 1.2 \text{ m}$ Multi-Contact MC4 (4 mm²) Connectors:

MAXIMUM RATINGS

Operational temperature:	-40+85°C
Maximum system voltage:	1000 V
Maximum snow load:	550 kg/m² (5400 Pa)
Maximum wind load:	244 kg/m² (2400 Pa)
Max series fuse rating:	25 A
Max reverse current:	25 A

MECHANICAL DATA

Dimensions:	1665 x 991 x 38 mm
Area:	1.65 m ²
Weight:	18 kg

Note! Specifications subject to change without notice.

Celebrating its 20th anniversary in 2016, REC is a leading European brand of solar panels. Through integrated manufacturing from polysilicon to wafers, cells, panels and turnkey solar solutions, REC strives to help meet the world's growing energy needs. Founded in 1996, REC is a Bluestar Elkem company with headquarters in Norway and operational headquarters in Singapore. REC concluded 2015 with 2000 employees worldwide, 1.3 GW solar panel production capacity, and annual revenues of USD 755 million.

10 year product warranty

