

REC TWINPEAK 72 SERIES

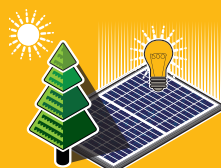
PREMIUM SOLAR PANELS WITH SUPERIOR PERFORMANCE

REC TwinPeak 72 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 72 panels are ideal for commercial rooftops worldwide.



**MORE POWER
OUTPUT PER M²**



**IMPROVED PERFORMANCE
IN SHADED CONDITIONS**

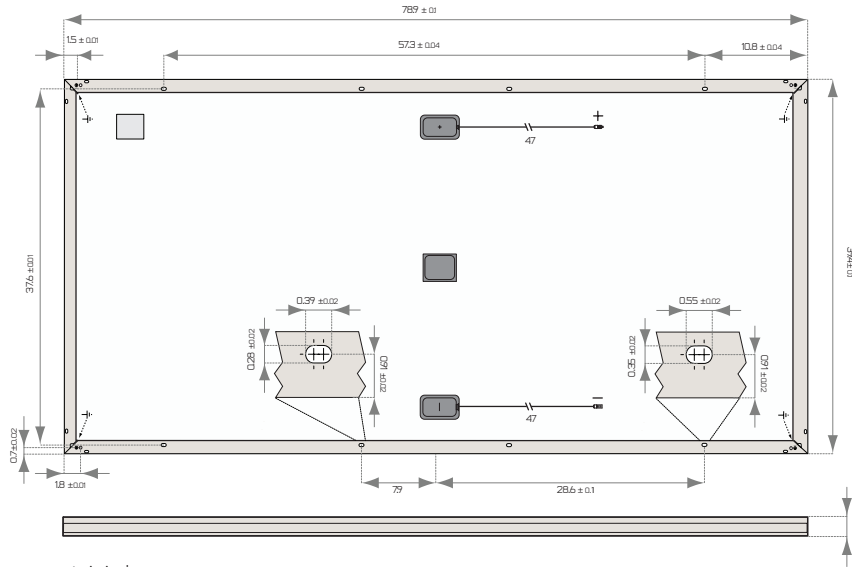


**100%
PID FREE**



**REDUCES BALANCE OF
SYSTEM COSTS**

REC TWINPEAK 72 SERIES



All measurements in inches

ELECTRICAL DATA @ STC

Product Code*: RECxxxTP72

	330	335	340	345
Nominal Power - P_{MPP} (Wp)	330	335	340	345
Watt Class Sorting - (W)	0/+5	0/+5	0/+5	0/+5
Nominal Power Voltage - V_{MPP} (V)	38.1	38.3	38.5	38.7
Nominal Power Current - I_{MPP} (A)	8.67	8.75	8.84	8.92
Open Circuit Voltage - V_{OC} (V)	46.0	46.2	46.3	46.5
Short Circuit Current - I_{SC} (A)	9.22	9.27	9.32	9.36
Panel Efficiency (%)	16.4	16.7	16.9	17.2

Values at standard test conditions STC (airmass AM 1.5, irradiance 1000 W/m², cell temperature 77°F (25°C).
At low irradiance of 200 W/m² (AM 1.5 and cell temperature 77°F (25°C)) at least 95% of the STC module efficiency will be achieved.
*Where xxx indicates the nominal power class (P_{MPP}) at STC indicated above, and can be followed by the suffix XV for 1500V rated modules.

ELECTRICAL DATA @ NOCT

Product Code*: RECxxxTP72

	244	248	251	255
Nominal Power - P_{MPP} (Wp)	244	248	251	255
Nominal Power Voltage - V_{MPP} (V)	34.9	35.1	35.2	35.4
Nominal Power Current - I_{MPP} (A)	6.99	7.06	7.13	7.21
Open Circuit Voltage - V_{OC} (V)	42.3	42.5	42.6	42.8
Short Circuit Current - I_{SC} (A)	7.44	7.48	7.52	7.57

Nominal cell operating temperature NOCT (800 W/m², AM 1.5, windspeed 1 m/s, ambient temperature 68°F (20°C).
*Where xxx indicates the nominal power class (P_{MPP}) at STC indicated above, and can be followed by the suffix XV for 1500V rated modules.

CERTIFICATION



UL 1703, UL Fire Type 2, CEC listed, IEC 61215/61730:
IEC 62804 (PID Free), IEC 61701 (Salt Mist Level 6),
IEC 62716 (Ammonia Resistance),
ISO 9001: 2015, ISO 14001: 2004, OHSAS 18001: 2007

WARRANTY

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

17.2% EFFICIENCY
10 YEAR PRODUCT WARRANTY
25 YEAR LINEAR POWER OUTPUT WARRANTY
DUTY*FREE 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:	144 multicrystalline 6 strings of 24 cells
Glass:	0.16" (4 mm) solar glass with anti-reflection surface treatment
Back Sheet:	Highly resistant polyester
Frame:	Anodized aluminum (silver)
Junction Box:	IP67 rated with 3 bypass diodes 12 AWG (4 mm ²) PV wire 47" x 47" (1.2 m x 1.2 m)
Connectors*:	Tonglin TL-Cable01/TL-Cable01S-F (4 mm ²) 12 AWG (4 mm ²) *Dependent on product type

MAXIMUM RATINGS

Operational Temperature:	-40 ... +185°F (-40 ... +85°C)
Maximum System Voltage*:	1000 V / 1500 V *Dependent on product type
Design Load:	(+) 75.2 lbs/ft ² (3600 Pa)* (-) 33.4 lbs/ft ² (1600 Pa)* *Refer to installation instructions

Max Series Fuse Rating:	20 A
Max Reverse Current:	20 A

MECHANICAL DATA

Dimensions:	78.9" x 39.4" x 1.8" (2005 x 1001 x 45 mm)
Area:	21.6 ft ² (2.01 m ²)
Weight:	61.7 lbs (28 kg)

Note!

All specifications are subject to change without notice at any time.

Founded in Norway in 1996, REC is a leading vertically integrated solar energy company. Through integrated manufacturing from silicon to wafers, cells, high-quality panels and extending to solar solutions, REC provides the world with a reliable source of clean energy. REC's renowned product quality is supported by the lowest warranty claims rate in the industry. REC is a Bluestar Elkem company with headquarters in Norway and operational headquarters in Singapore. REC employs more than 2,000 people worldwide, producing 1.4 GW of solar panels annually.



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