

SOLAR'S MOST TRUSTED



REC TWINPEAK 2S 72 SERIES

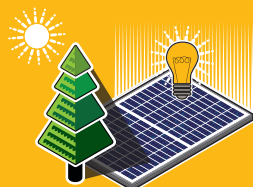
PREMIUM SOLAR PANELS WITH SUPERIOR PERFORMANCE

REC TwinPeak 2S 72 Series solar panels feature an innovative design with high efficiency and an industry-leading lightweight, yet robust construction, enabling customers to get the most out of the installation area.

Combined with the product quality and reliability of a strong and established European brand, REC TwinPeak 2S 72 panels are ideal for commercial rooftops worldwide.



**REDUCES BALANCE OF
SYSTEM COSTS**



**IMPROVED PERFORMANCE
IN SHADED CONDITIONS**

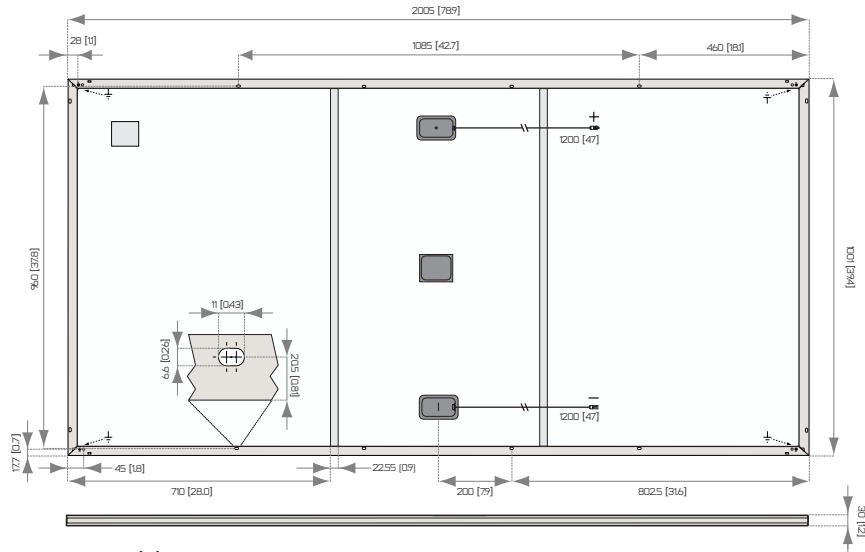


**INDUSTRY-LEADING LIGHTWEIGHT
72-CELL PANEL**



**100%
PID FREE**

REC TWINPEAK 25 72 SERIES



All measurements in mm [in]

ELECTRICAL DATA @ STC		Product Code*: RECxxxTP25 72				
Nominal Power - P_{MPP} (Wp)		330	335	340	345	350
Watt Class Sorting - (W)		-0/+5	-0/+5	-0/+5	-0/+5	-0/+5
Nominal Power Voltage - V_{MPP} (V)		38.1	38.3	38.5	38.7	38.9
Nominal Power Current - I_{MPP} (A)		8.67	8.75	8.84	8.92	9.00
Open Circuit Voltage - V_{OC} (V)		46.0	46.2	46.3	46.5	46.7
Short Circuit Current - I_{SC} (A)		9.22	9.52	9.58	9.64	9.72
Panel Efficiency (%)		16.5	16.7	16.9	17.2	17.4

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.
* xxx indicates the nominal power class (P_{MPP}) at STC, and can be followed by the suffix XV for modules with a 1500 V maximum system rating.

ELECTRICAL DATA @ NOCT		Product Code*: RECxxxTP25 72				
Nominal Power - P_{MPP} (Wp)		244	252	257	260	264
Nominal Power Voltage - V_{MPP} (V)		34.9	35.5	35.7	35.8	36.0
Nominal Power Current - I_{MPP} (A)		6.99	7.10	7.19	7.25	7.32
Open Circuit Voltage - V_{OC} (V)		42.3	42.8	42.9	43.1	43.2
Short Circuit Current - I_{SC} (A)		7.44	7.74	7.79	7.84	7.95

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

CERTIFICATION



UL 1703, Fire classification: Type 1 (1500 V XV); Type 2 (1000 V);
IEC 61215, IEC 61730, IEC 62804 (PID), IEC 62716 (Ammonia),
IEC 61701 (Salt Mist level 6), ISO 11925-2 (Class E)
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.).

17.7% EFFICIENCY

10 YEAR PRODUCT WARRANTY

25 YEAR LINEAR POWER OUTPUT WARRANTY

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 24 REC half-cut mc-Si PERC
Glass:	0.13" (3.2 mm) solar glass with anti-reflection surface treatment
Back Sheet:	Highly resistant polyester
Frame:	Anodized aluminum (silver)
Support bars:	Anodized aluminum
Junction Box:	IP67 rated with 3 bypass diodes 12 AWG (4 mm ²) PV wire, 47" + 47" (1.2 m + 1.2 m)
Connectors:	Tonglin TL-Cable01S-F (4 mm ²) (1500V) Tonglin TL-Cable01S-FR (4 mm ²) (1000V)
Origins:	Made in Singapore

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)
Design Load:	(-) 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 1.2" (2005 x 1001 x 30 mm)
Area:	21.6 ft ² (2.01 m ²)
Weight:	48.5 lbs (22 kg)

Note! Specifications subject to change without notice.

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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