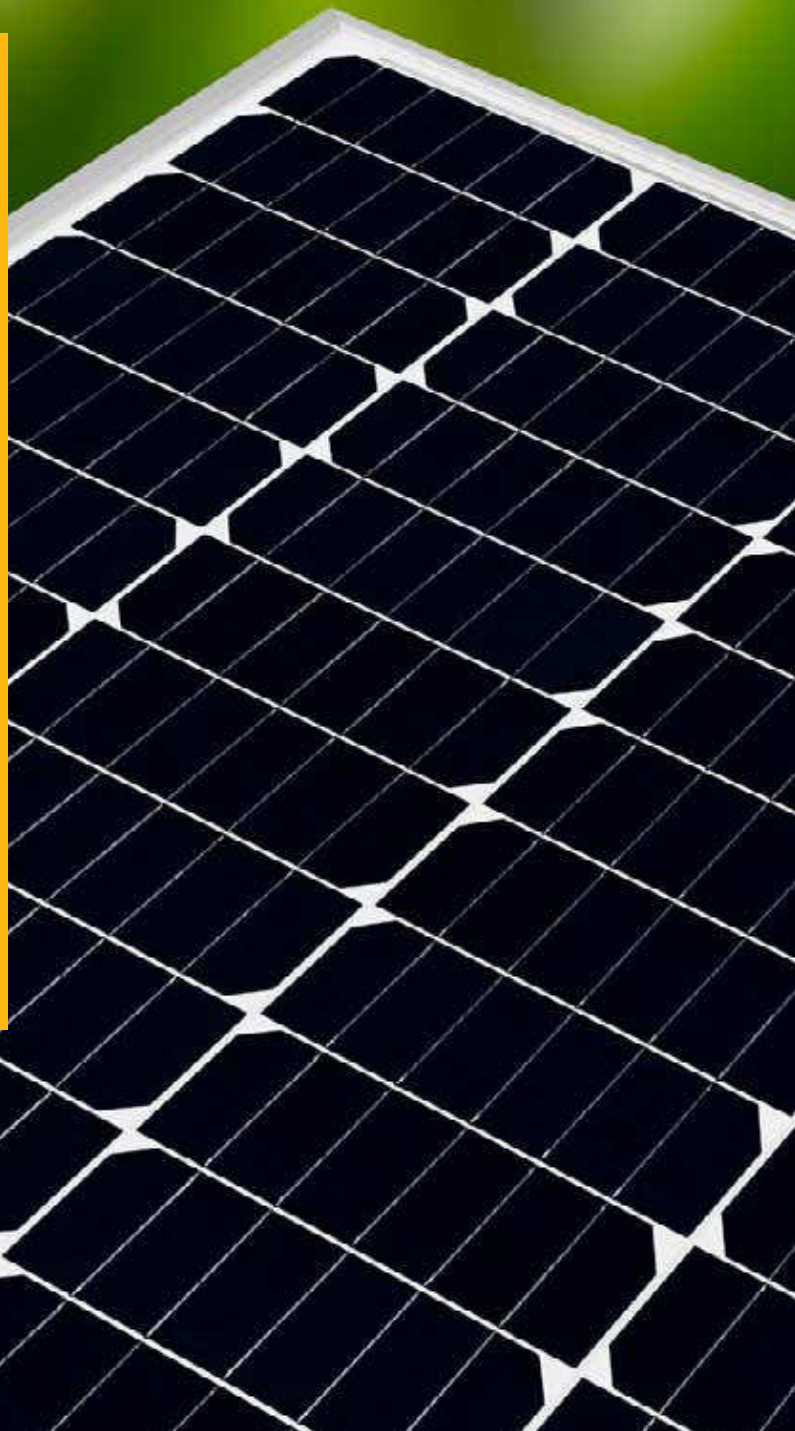


REC TWINPEAK 25 MONO 72 SERIES

PREMIUM SOLAR PANELS WITH SUPERIOR PERFORMANCE

REC TwinPeak 25 Mono 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 25 Mono 72 Series panels are ideal for all types of commercial rooftop and utility installations worldwide.



**REDUCES BALANCE OF
SYSTEM COSTS**



**IMPROVED PERFORMANCE
IN SHADED CONDITIONS**

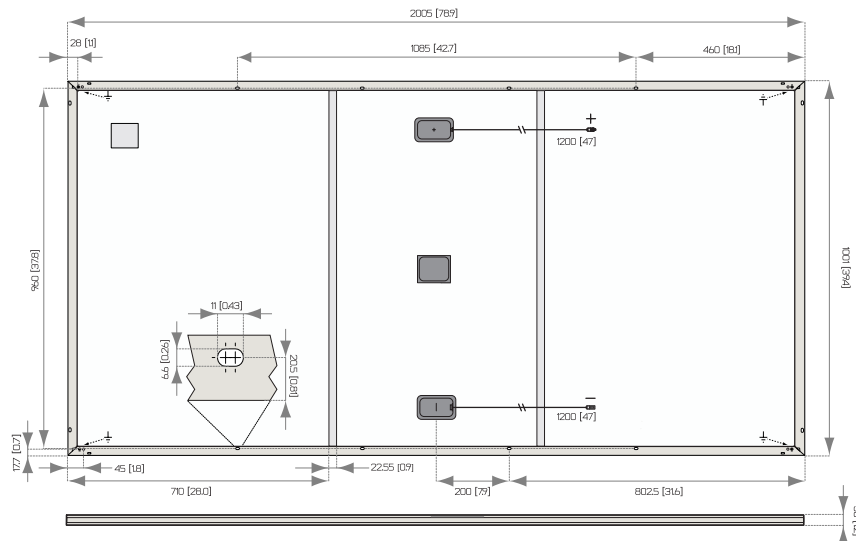


**INDUSTRY-LEADING LIGHTWEIGHT
72-CELL PANEL**



**100%
PID FREE**

REC TWINPEAK 25 MONO 72 SERIES



All measurements in mm [in]

ELECTRICAL DATA @ STC

Product Code*: RECxxxTP2SM 72

	360	365	370	375	380
Nominal Power - P_{MPP} (Wp)	360	365	370	375	380
Watt Class Sorting - (W)	-0/+5	-0/+5	-0/+5	-0/+5	-0/+5
Nominal Power Voltage - V_{MPP} (V)	39.4	39.6	39.8	40.1	40.3
Nominal Power Current - I_{MPP} (A)	9.14	9.22	9.30	9.36	9.43
Open Circuit Voltage - V_{OC} (V)	47.4	47.6	47.8	48	48.2
Short Circuit Current - I_{SC} (A)	9.74	9.82	9.85	9.96	10.05
Panel Efficiency (%)	17.9	18.2	18.4	18.7	18.9

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*: RECxxxTP2SM 72

	271	274	278	282	286
Nominal Power - P_{MPP} (Wp)	271	274	278	282	286
Nominal Power Voltage - V_{MPP} (V)	36.6	36.8	37.0	37.3	37.5
Nominal Power Current - I_{MPP} (A)	7.39	7.45	7.51	7.56	7.62
Open Circuit Voltage - V_{OC} (V)	44.1	44.3	44.4	44.6	44.8
Short Circuit Current - I_{SC} (A)	7.87	7.93	7.96	8.05	8.12

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 I (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.)

18.9% EFFICIENCY

10 YEAR PRODUCT WARRANTY

25 YEAR LINEAR POWER OUTPUT WARRANTY

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	44.9°C (±2°C)
Temperature Coefficient of P_{MPP}	-0.37%/°C
Temperature Coefficient of V_{OC}	-0.28%/°C
Temperature Coefficient of I_{SC}	0.04%/°C

GENERAL DATA

Cell type:	144 half-cut monocrystalline PERC cells 6 strings of 24 cells in series
Glass:	3.2 mm (0.13") solar glass with anti-reflection surface treatment
Back Sheet:	Highly resistant polymeric construction
Frame:	Anodized aluminum
Support bars:	Anodized aluminum
Junction Box:	IP67 rated with 3 bypass diodes 4 mm ² (12 AWG) PV wire, 1.2 m + 1.2 m (47" + 47")
Connectors:	Tonglin TL-Cable01S-F (4 mm ²)
Origins:	Made in Singapore

MAXIMUM RATINGS

Operational temperature:	-40 ... +85°C (-40 ... +185°F)
Maximum System Voltage:	1000 V / 1500 V* *Dependent on product type
Design Loads:	(+) 3600 Pa (75.2 lbs/ft ²) (-) 1600 Pa (33.4 lbs/ft ²) Refer to installation instructions
Max Series Fuse Rating:	20 A
Max Reverse Current:	20 A

MECHANICAL DATA

Dimensions:	2005 x 1001 x 30 mm (78.9" x 39.4" x 1.2")
Area:	2.01 m ² (21.6 ft ²)
Weight:	22 kg (48.5 lbs)

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 1.5 GW of solar panels annually.



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