ENERGIZING LIFE TOGETHER

REC

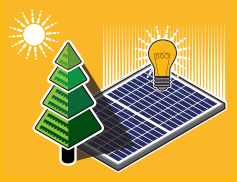
REC TWINPEAK 2S 72 SERIES

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

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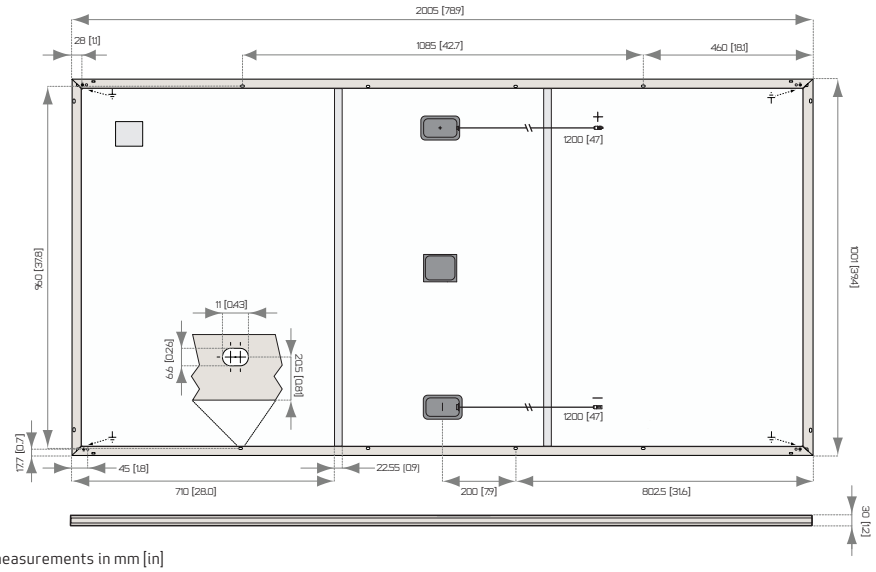

All measurements in mm [in]

ELECTRICAL DATA @ STC	Product Code*: RECxxxTP2S 72			
Nominal Power - P_{MPP} (Wp)	335	340	345	350
Watt Class Sorting - (W)	0/+5	0/+5	0/+5	0/+5
Nominal Power Voltage - V_{MPP} (V)	38.3	38.5	38.7	38.9
Nominal Power Current - I_{MPP} (A)	8.75	8.84	8.92	9.00
Open Circuit Voltage - V_{OC} (V)	46.2	46.3	46.5	46.7
Short Circuit Current - I_{SC} (A)	9.27	9.32	9.36	9.40
Panel Efficiency (%)	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 94% 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*: RECxxxTP2S 72			
Nominal Power - P_{MPP} (Wp)	248	251	255	259
Nominal Power Voltage - V_{MPP} (V)	35.1	35.2	35.4	35.6
Nominal Power Current - I_{MPP} (A)	7.06	7.13	7.21	7.28
Open Circuit Voltage - V_{OC} (V)	42.5	42.6	42.8	43.0
Short Circuit Current - I_{SC} (A)	7.48	7.52	7.57	7.61

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 1500V maximum system rating.

CERTIFICATION

C US

UL 1703, UL Fire Type 2, CEC listed; IEC 61215, IEC 61730;
IEC 62804 (PID), IEC 61701 (Salt Mist Corrosion 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. degression in performance of 0.7% p.a.).

17.4% 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}	-0.31 %/°C
Temperature Coefficient of I_{SC}	0.045 %/°C

GENERAL DATA

Cell Type:	144 multicrystalline in 6 strings of 24 cells
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 (bonded to backsheet)
Junction Box:	IP67 rated with 3 bypass diodes
	12 AWG (4 mm²) PV wire, 47" + 47" (1.2 m + 1.2 m)
Connectors:	Tonglin TL-Cable01S-F, 12 AWG (4 mm²)

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/ft² (3600 Pa)
Design Load (-):	33.4 lbs/ft² (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 ft² (2.01 m²)
Weight:	48.5 lbs (22 kg)

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

Ref: NE-05-07-13 Rev-B03.17

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.

REC

www.recgroup.com