

# REC TWINPEAK 2S 72 SERIES

## PREMIUM SOLAR PANELS WITH SUPERIOR PERFORMANCE

REC TwinPeak 2S 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 2S 72 panels are ideal for commercial rooftops worldwide.



**MORE POWER  
OUTPUT PER FT<sup>2</sup>**



**IMPROVED PERFORMANCE  
IN SHADED CONDITIONS**

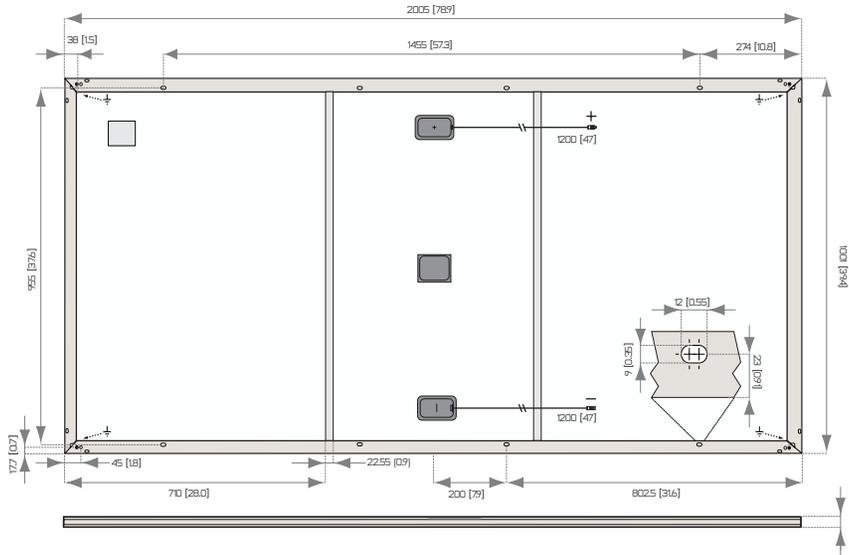


**100%  
PID FREE**



**REDUCES BALANCE OF  
SYSTEM COSTS**

# REC TWINPEAK 25 72 SERIES



All measurements in mm [in]

ELECTRICAL DATA @ STC	Product Code*: RECxxxTP2S 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	9.27	9.32	9.36	9.40
Panel Efficiency (%)	16.4	16.7	16.9	17.2	17.4

Values at standard test conditions STC (airmass AM 1.5, irradiance 1000 W/m<sup>2</sup>, cell temperature 77°F (25°C).  
At low irradiance of 200 W/m<sup>2</sup> (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 1500V maximum system rating.

ELECTRICAL DATA @ NOCT	Product Code*: RECxxxTP2S 72				
Nominal Power - $P_{MPP}$ (Wp)	244	248	251	255	259
Nominal Power Voltage - $V_{MPP}$ (V)	34.9	35.1	35.2	35.4	35.6
Nominal Power Current - $I_{MPP}$ (A)	6.99	7.06	7.13	7.21	7.28
Open Circuit Voltage - $V_{OC}$ (V)	42.3	42.5	42.6	42.8	43.0
Short Circuit Current - $I_{SC}$ (A)	7.44	7.48	7.52	7.57	7.61

Nominal cell operating temperature NOCT (800 W/m<sup>2</sup>, 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**

Pending: UL 1703, UL Fire Type 2, CEC listed  
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.)

17.4% 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 $P_{MPP}$	-0.39 %/°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 (silver)
Junction Box:	IP67 rated with bypass diodes 12 AWG (4 mm <sup>2</sup> ) PV wire, 47" + 47" (1.2 m + 1.2 m)
Connectors:	Tonglin TL-Cable01S-F, 12 AWG (4 mm <sup>2</sup> )

**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 <sup>2</sup> (3600 Pa)
Design Load (-):	33.4 lbs/ft <sup>2</sup> (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 <sup>2</sup> (2.01 m <sup>2</sup> )
Weight:	48.5 lbs (22 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.

www.recgroup.com

Ref: NE-05-07-13 Rev-A.2 10.17