ENERGIZING LIFE TOGETHER

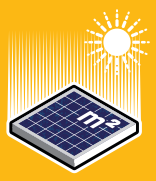
REC

REC TWINPEAK 2S 72 SERIES

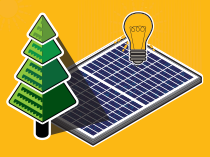
PREMIUM SOLAR PANELS WITH SUPERIOR PERFORMANCE

REC TwinPeak 2S 72 Series solar panels feature an innovative design with the higher panel efficiency of polycrystalline cells, 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 M²



IMPROVED PERFORMANCE IN SHADED CONDITIONS

100% PID FREE

REDUCES BALANCE OF SYSTEM COSTS

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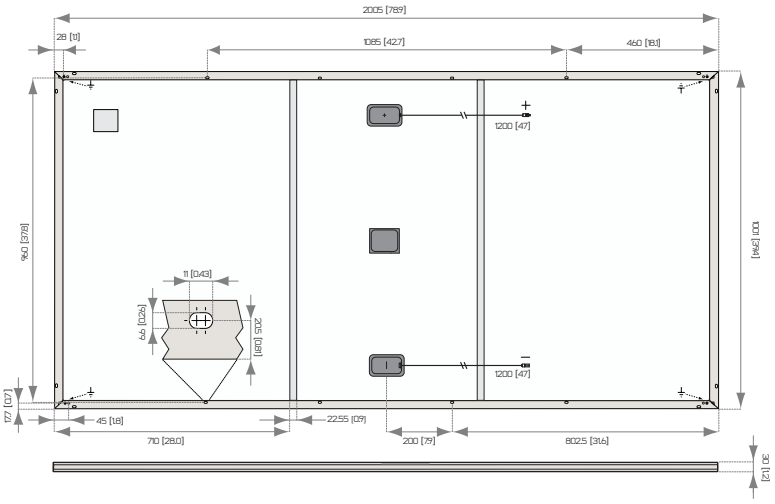

Measurements in mm [in].

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/m², cell temperature 25°C).
At low irradiance of 200 W/m² (AM 1.5 and cell temperature 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 operating cell temperature NOCT (800 W/m², AM 1.5, windspeed 1 m/s, ambient temperature 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.

CERTIFICATIONS

Certificates pending: IEC 61215, IEC 61730 & UL 1703; IEC 62804 (PID), IEC 61701 (Salt Mist Level 6), IEC 62716 (Ammonia Resistance), ISO 9001: 2015, ISO 14001: 2004, OHSAS 18001: 2007

take e way
for an easy way
take-e-way WEEE Compliant Recycling scheme

WARRANTY

10 year product warranty
25 year linear power output warranty
(max. degression in performance of 0.7% p.a.)
See warranty conditions for further details.

17.4% 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}	-0.39 %/°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:	3.2 mm solar glass with anti-reflective 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 4 mm² solar cable, 1.2 m + 1.2 m
Connectors:	Tonglin TL-Cable01S-F (4 mm²)

MAXIMUM RATINGS

Operational temperature:	-40 ... +85°C
Maximum system voltage:	1000 V / 1500 V* *Dependent on product type
Maximum snow load:	550 kg/m² (5400 Pa)
Maximum wind load:	244 kg/m² (2400 Pa)
Max series fuse rating:	25 A
Max reverse current:	25 A

MECHANICAL DATA

Dimensions:	2005 x 1001 x 30 mm
Area:	2.01 m²
Weight:	22 kg

Note! Specifications subject to change without notice.

Ref: NE-05-07-13 Rev-PA.2 01.17

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

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