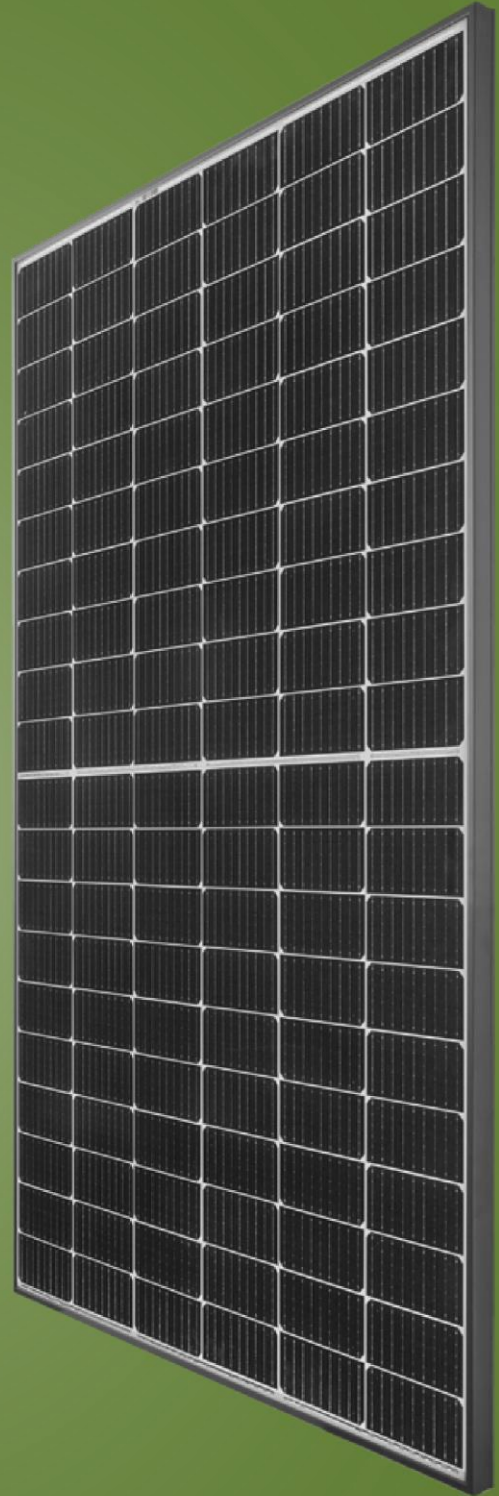


# REC TWINPEAK 4 SERIES

## PREMIUM SOLAR PANELS WITH SUPERIOR PERFORMANCE

REC TwinPeak 4 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 4 Series panels are ideal for residential and commercial rooftops worldwide.



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



**FEATURING REC'S PIONEERING  
TWIN DESIGN**



**100%  
PID FREE**

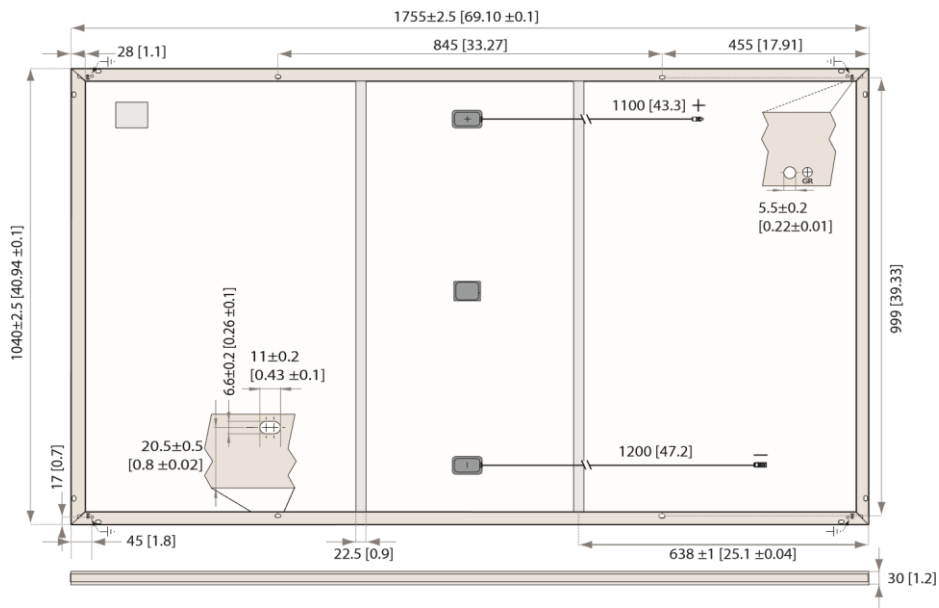


**SUPER-STRONG  
FRAME**



**ELIGIBLE**

# REC TWINPEAK 4 SERIES



## GENERAL DATA

Cell type:	120 half-cut mono c-Si p-type cells 6 strings of 20 cells in series
Glass:	3.2 mm solar glass with anti-reflection surface treatment
Backsheet:	Highly resistant polymeric construction
Frame:	Anodized aluminum (black) 3-part,
Junction box:	3 bypass diodes, IP68 rated in accordance with IEC 62790 4 mm <sup>2</sup> solar cable, 1.1 m + 1.2 m in accordance with EN 50618
Cable:	Stäubli MC4 PV-KBT4/KST4 (4 mm <sup>2</sup> ) in accordance with IEC 62852 IP68 only when connected Made in Singapore
Connectors:	
Origin:	

## MECHANICAL DATA

Dimensions:	1755 x 1040 x 30 mm
Area:	1.83 m <sup>2</sup>
Weight:	20.0 kg

## MAXIMUM RATINGS

Operational temperature:	-40 ... +85°C
Maximum system voltage:	1000 V +7000 Pa (713 kg/m <sup>2</sup> )*
Maximum test load (front):	kg/m <sup>2</sup> *
Maximum test load (rear):	-4000 Pa (407 kg/m <sup>2</sup> )*
Max series fuse rating:	25 A
Max reverse current:	25 A

\* See installation manual for mounting instructions.  
Design load = 1.5 (safety factor)

## TEMPERATURE RATINGS \*

Nominal Module Operating Temperature:	44.6°C (±2°C)
Temperature coefficient of P <sub>MAX</sub> :	-0.34 %/°C
Temperature coefficient of V <sub>OC</sub> :	-0.26 %/°C
Temperature coefficient of I <sub>SC</sub> :	0.04 %/°C

\* The temperature coefficients stated are linear values

## LOW LIGHT BEHAVIOUR

Measurements in mm [in]

ELECTRICAL DATA @ STC		Product code': RECxxxTP4			
Nominal Power - $P_{MAX}$ (Wp)		360	365	370	375
Watt Class Sorting - (W)		0/+5	0/+5	0/+5	0/+5
Nominal Power Voltage - $V_{MPP}$ (V)		33.9	34.3	34.7	35.0
Nominal Power Current - $I_{MPP}$ (A)		10.62	10.65	10.68	10.72
Open Circuit Voltage - $V_{OC}$ (V)		40.6	40.8	41.0	41.2
Short Circuit Current - $I_{SC}$ (A)		11.26	11.32	11.38	11.45
Panel Efficiency (%)		19.7	20.0	20.3	20.5

Values at standard test conditions (STC: air mass AM 1.5, irradiance 1000 W/m<sup>2</sup>, temperature 25°C), based on a production spread with a tolerance of  $P_{MAX}$ ,  $V_{OC}$  &  $I_{SC}$  ±3% within one watt class. \* Where xxx indicates the nominal power class ( $P_{MAX}$ ) at STC above.

ELECTRICAL DATA @ NMOT		Product code': RECxxxTP4			
Nominal Power - $P_{MAX}$ (Wp)		272	276	280	283
Nominal Power Voltage - $V_{MPP}$ (V)		31.7	32.1	32.5	32.7
Nominal Power Current - $I_{MPP}$ (A)		8.58	8.60	8.63	8.66
Open Circuit Voltage - $V_{OC}$ (V)		38.0	38.2	38.3	38.5
Short Circuit Current - $I_{SC}$ (A)		9.09	9.14	9.19	9.25

Nominal module operating temperature (NMOT: air mass AM 1.5, irradiance 800 W/m<sup>2</sup>, temperature 20°C, windspeed 1 m/s). \* Where xxx indicates the nominal power class ( $P_{MAX}$ ) at STC above.

### CERTIFICATIONS

IEC 61215:2016, IEC 61730:2016, UL 61730, ISO 14001:2004, ISO 9001:2015, OHSAS 18001

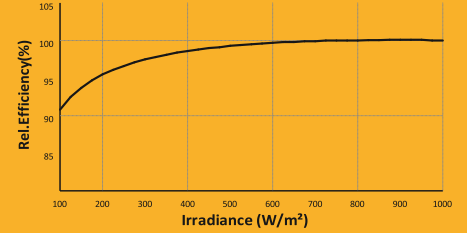


### WARRANTY

	Standard		REC ProTrust	
	No	Yes	Yes	Yes
Installed by an REC Certified Solar Professional				
System Size	Any	≤25 kW	25-500 kW	
Product Warranty (yrs)	20	25	25	
Power Warranty (yrs)	25	25	25	
Labor Warranty (yrs)	0	25	10	
Power in Year 1	98%	98%	98%	
Annual Degradation	0.5%	0.5%	0.5%	
Power in Year 25	86%	86%	86%	

See warranty documents for details. Some conditions apply.

Typical low irradiance performance of module at STC:



Ref:PM- DS-07-28 Rev-A 05.21

Founded in 1996, REC Group is an international pioneering solar energy company dedicated to empowering consumers with clean, affordable solar power. As Solar's Most Trusted, REC is committed to high quality, innovation, and a low carbon footprint in the solar materials and solar panels it manufactures. Headquartered in Norway with operational headquarters in Singapore, REC also has regional hubs in North America, Europe, and Asia-Pacific.