REC TWINPEAK 2 SERIES

PREMIUM SOLAR PANELS
100% MADE IN SINGAPORE

REC TwinPeak 2 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 2 panels are ideal for residential and commercial rooftops worldwide.

INTEGRATED MANUFACTURING IN SINGAPORE
## REC TWINPEAK 2 SERIES

### ELECTRICAL DATA @ STC

<table>
<thead>
<tr>
<th>Nominal Power - PMPP (Wp)</th>
<th>275</th>
<th>280</th>
<th>285</th>
<th>290</th>
<th>295</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watt Class Sorting - (W)</td>
<td>0/+5</td>
<td>0/+5</td>
<td>0/+5</td>
<td>0/+5</td>
<td>0/+5</td>
</tr>
<tr>
<td>Nominal Power Voltage - V_{MPV} (V)</td>
<td>31.5</td>
<td>31.7</td>
<td>31.9</td>
<td>32.1</td>
<td>32.3</td>
</tr>
<tr>
<td>Nominal Power Current - I_{MPV} (A)</td>
<td>8.74</td>
<td>8.84</td>
<td>8.95</td>
<td>9.05</td>
<td>9.14</td>
</tr>
<tr>
<td>Open Circuit Voltage - V_{OC} (V)</td>
<td>38.2</td>
<td>38.4</td>
<td>38.6</td>
<td>38.8</td>
<td>39.0</td>
</tr>
<tr>
<td>Short Circuit Current - I_{SC} (A)</td>
<td>9.52</td>
<td>9.61</td>
<td>9.66</td>
<td>9.71</td>
<td>9.76</td>
</tr>
<tr>
<td>Panel Efficiency (%)</td>
<td>16.5</td>
<td>16.8</td>
<td>17.1</td>
<td>17.4</td>
<td>17.7</td>
</tr>
</tbody>
</table>

Values at standard test conditions STC (airmass AM1.5, irradiance 1000 W/m², cell temperature 25°C). At low irradiance of 200 W/m² (AM1.5 and cell temperature 25°C) at least 95% of the STC module efficiency will be achieved.

### ELECTRICAL DATA @ NOCT

<table>
<thead>
<tr>
<th>Nominal Power - PMPP (Wp)</th>
<th>206</th>
<th>210</th>
<th>214</th>
<th>218</th>
<th>223</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Power Voltage - V_{MPV} (V)</td>
<td>29.2</td>
<td>29.4</td>
<td>29.6</td>
<td>29.8</td>
<td>30.0</td>
</tr>
<tr>
<td>Nominal Power Current - I_{MPV} (A)</td>
<td>7.07</td>
<td>7.15</td>
<td>7.24</td>
<td>7.32</td>
<td>7.43</td>
</tr>
<tr>
<td>Open Circuit Voltage - V_{OC} (V)</td>
<td>35.4</td>
<td>35.6</td>
<td>35.8</td>
<td>36.0</td>
<td>36.2</td>
</tr>
<tr>
<td>Short Circuit Current - I_{SC} (A)</td>
<td>7.52</td>
<td>7.59</td>
<td>7.68</td>
<td>7.75</td>
<td>7.85</td>
</tr>
</tbody>
</table>

### MECHANICAL DATA

- Dimensions: 65.9 x 39.25 x 15 (1675 x 997 x 38 mm)
- Weight: 17.98 ft² (1.67 m²)
- Maximum system voltage: 1000 V
- Design Loads: (+) 75.2 lbs/ft² (3600 Pa) (-) 33.4 lbs/ft² (1600 Pa)
- Operational temperature: -40 °C to +85° (see warranty conditions for further details)
- Max series fuse rating: 20 A
- Max reverse current: 20 A

### CERTIFICATIONS

UL 1703, Fire classification Type 2, IEC 61215, IEC 61730, IEC 61701 (Salt Mist - severity level 6), IEC 62804 (PID Free), IEC 62716 (Ammonia Resistance), ISO 11925-2 (Ignitability Class I), UNI 8457/9174 (Class A), ISO 9001:2015, ISO 14001, OHSAS 18001

### WARRANTY

- 10 year product warranty
- 25 year linear power output warranty
- (max. degression in performance of 0.7% p.a. from 97% after the first year)

See warranty conditions for further details.

### TEMPERATURE RATINGS

- Nominal operating cell temperature (NOCT): 44.6°C ±2°C
- Temperature coefficient of P_{MPV}: -0.36 %/°C
- Temperature coefficient of V_{OC}: -0.30 %/°C
- Temperature coefficient of I_{SC}: 0.066 %/°C

### GENERAL DATA

- Cell type: 6 strings of 20 REC HC multicrystalline PERC
- Glass: 0.13" (3.2 mm) solar glass with anti-reflective surface treatment
- Back sheet: Highly resistant polyester polyolefin construction
- Frame: Anodized aluminum (Available in silver or black)
- Junction box: IP67 rated, 3-part with 3 bypass diodes
- Connectors: Stäubli MC4 PV-KBT4/PV-KST4, 12 AWG (4 mm²)
- Origins: Silicon: Made in USA & Norway Wafer/Cell/Module: Made in Singapore

### MAXIMUM RATINGS

- Maximum system voltage: 1000 V
- Design Loads: (+) 75.2 lbs/ft² (3600 Pa) (-) 33.4 lbs/ft² (1600 Pa)
- Operational temperature: -40 °C to +85° (see warranty conditions for further details)
- Max series fuse rating: 20 A
- Max reverse current: 20 A

### US IMPORT DUTY FREE

Duty-Free

### EFFICIENCY

- 17.7%

### YEAR PRODUCT WARRANTY

- 10

### YEAR LINEAR POWER OUTPUT WARRANTY

- 25

### Note!

Specifications subject to change without notice.