REC TWINPEAK 2S MONO 72 SERIES

PREMIUM SOLAR PANELS 100% MADE IN SINGAPORE

REC TwinPeak 2S Mono 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 Mono 72 Series panels are ideal for all types of commercial rooftop and utility installations worldwide.

- REDUCES BALANCE OF SYSTEM COSTS
- IMPROVED PERFORMANCE IN SHADED CONDITIONS
- INDUSTRY-LEADING LIGHTWEIGHT 72-CELL PANEL
- 100% PID FREE
REC Group is an international pioneering solar energy company dedicated to empowering consumers with clean, affordable solar power in order to facilitate global energy transitions. Committed to quality and innovation, REC offers photovoltaic modules with leading high quality, backed by an exceptional low warranty claims rate of less than 0.5% p.a. from 97.5% in year 1. See warranty conditions for further details.

**ELECTRICAL DATA @ STC**

<table>
<thead>
<tr>
<th>Nominal Power - P_{max} (Wp)</th>
<th>370</th>
<th>375</th>
<th>380</th>
<th>385</th>
<th>390</th>
<th>395</th>
<th>400</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>
<td>0/+5</td>
<td>0/+5</td>
</tr>
<tr>
<td>Nominal Power Voltage - V_{mppt} (V)</td>
<td>39.8</td>
<td>40.1</td>
<td>40.3</td>
<td>40.5</td>
<td>40.7</td>
<td>40.9</td>
<td>41.1</td>
</tr>
<tr>
<td>Open Circuit Voltage - V_{oc} (V)</td>
<td>47.0</td>
<td>47.4</td>
<td>48.0</td>
<td>48.6</td>
<td>49.2</td>
<td>49.8</td>
<td>50.4</td>
</tr>
<tr>
<td>Short Circuit Current - I_{sc} (A)</td>
<td>10.02</td>
<td>10.04</td>
<td>10.05</td>
<td>10.07</td>
<td>10.08</td>
<td>10.09</td>
<td>10.10</td>
</tr>
<tr>
<td>Panel Efficiency (%)</td>
<td>18.4</td>
<td>18.7</td>
<td>18.9</td>
<td>19.2</td>
<td>19.4</td>
<td>19.7</td>
<td>20.0</td>
</tr>
</tbody>
</table>

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 95% of the STC module efficiency will be achieved.

**ELECTRICAL DATA @ N.MOT**

<table>
<thead>
<tr>
<th>Nominal Power - P_{max} (Wp)</th>
<th>276</th>
<th>280</th>
<th>283</th>
<th>287</th>
<th>290</th>
<th>295</th>
<th>298</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Power Voltage - V_{mppt} (V)</td>
<td>37.1</td>
<td>37.3</td>
<td>37.5</td>
<td>37.7</td>
<td>37.9</td>
<td>38.1</td>
<td>38.3</td>
</tr>
<tr>
<td>Nominal Power Current - I_{mppt} (A)</td>
<td>7.44</td>
<td>7.49</td>
<td>7.54</td>
<td>7.60</td>
<td>7.66</td>
<td>7.73</td>
<td>7.78</td>
</tr>
<tr>
<td>Open Circuit Voltage - V_{oc} (V)</td>
<td>43.7</td>
<td>44.1</td>
<td>44.7</td>
<td>45.3</td>
<td>45.8</td>
<td>46.4</td>
<td>46.9</td>
</tr>
<tr>
<td>Short Circuit Current - I_{sc} (A)</td>
<td>8.02</td>
<td>8.03</td>
<td>8.04</td>
<td>8.06</td>
<td>8.06</td>
<td>8.07</td>
<td>8.08</td>
</tr>
</tbody>
</table>

**GENERAL DATA**

- Cell type: 144 half-cut monocrystalline PERC cells
- Glass: 0.13" (3.2 mm) solar glass with anti-reflection surface treatment
- Backsheet: Highly resistant polymeric construction
- Frame: Anodized aluminum
- Support bars: Anodized aluminum
- Junction box: 3-part, 3 bypass diodes, IP67 rated
- Connectors: PV-KBT4-EVO-2
- Weight: 48.5 lbs (22 kg)
- Origin: Made in Singapore

**MECHANICAL DATA**

- Dimensions: 78.9" x 39.4" x 1.2" (2005 x 1010 x 30 mm)
- Area: 21.6 ft² (2.01 m²)
- Weight: 48.5 lbs (22 kg)

**CERTIFICATION**

- UL 1703: Fire classification: Type I (1500 V, 6kV, Type 2) (1000 V)

**WARRANTY**

- 20 year product warranty
- 25 year linear power output warranty
Max. performance degession of 0.5% p.a. from 97.5% in year 1. See warranty conditions for further details.

**MAXIMUM RATINGS**

- Operational temperature: -40...+185°F (-40...+85°C)
- Maximum system voltage: 1000 V / 1500 V
- Maximum test load: 75.2 lbs/ft² (3600 Pa)
- Maximum test load: 112.8 lbs/ft² (5400 Pa)
- Temperature coefficient of P_{max}: -0.37% /°C
- Temperature coefficient of V_{mppt}: -0.28% /°C
- Temperature coefficient of I_{sc}: 0.04% /°C

**TEMPERATURE RATINGS**

- Nominal Module Operating Temperature: 44.6°C (110°F)
- Temperature coefficient of P_{max}: -0.37% /°C
- Temperature coefficient of V_{mppt}: -0.28% /°C
- Temperature coefficient of I_{sc}: 0.04% /°C

*The temperature coefficients stated are linear values*

*Ref: PM-DS-07-23 Rev-C 01.20
Specifications subject to change without notice.*